

CHEMIST and DRUGGIST

NOVEMBER 7, 1942



The

CHEMIST AND DRUGGIST

for RETAILER - WHOLESALE - MANUFACTURER

Established 1859

28 Essex Street, Strand, London, W.C.2

Registered as a Newspaper

3 2 7 4
CXXXVIII

NOVEMBER 7, 1942

Annual Subscription (with
Diary) 25/- Single Copies 9d.

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GLYCERINE AND
BLACK CURRANT

PASTILLES



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regis-
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The NEW ERA TREATMENT CO. LTD.

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M.O.F. A Doctor writes:

During recent years medical scientists have placed increasing emphasis on the importance of diet as a factor in the well-being of the individual. While this principle is capable of general application to the community as a whole, it applies with special force to the expectant and nursing mother and her dietetic requirements have specially attracted the thought of research workers and dietitians.

The makers of M.O.F. have made a careful study of the results of these researches, and the manufacture of this food has been so designed as to incorporate many of the elements that modern science has discovered in regard to the vital needs of the pregnant woman and her child.

One of the chief aims in antenatal supervision and care is to maintain the patient's health at as high a level as possible. In this policy nothing is more important than a food such as M.O.F. . . . such a foodstuff can be recommended with every confidence, not only as palatable and easily digestible, but, what is more important, as one which will guard the expectant mother against many of the disorders of pregnancy and lactation and help to ensure the birth of a healthy baby."

Signed M.D.. F.R.C.S.E.

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1/9

**per 1-lb.
tin**

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(MIDLOTHIAN OAT FOOD)

The Certificate of the Royal Institute of Public Health and Hygiene has been awarded in respect of M.O.F.

**FOR EXPECTANT AND NURSING MOTHERS
WEANING INFANTS AND INVALIDS**

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Scottish Groats by A. & R. SCOTT LTD.,

COLINTON, MIDLOTHIAN, SCOTLAND

Collosol Manganese Crookes'

marked results have been obtained in the treatment of coccogenic and pyogenic infections by the use of *Collosol* Manganese. It is invariably tonic and stimulating, and increases the protective powers of serum proteins.

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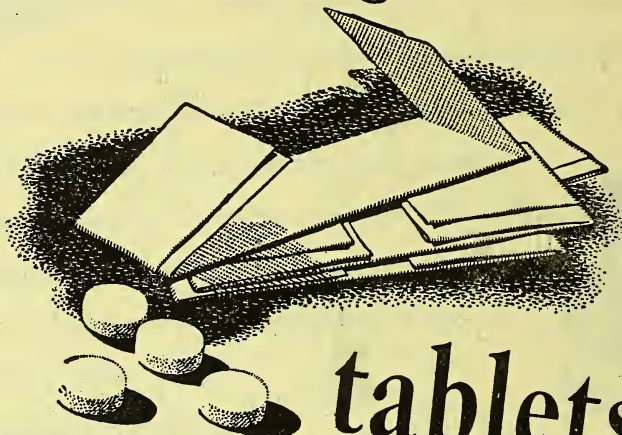
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KEEP DOGS FIT

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ESTABLISHED 1878

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AND EVERY DESCRIPTION

of

MEDICAL PRINTING

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THE CHEMISTS' PRINTERS

BURLEY ROAD
LEEDS, 4

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HARWOODS LABORATORIES LIMITED

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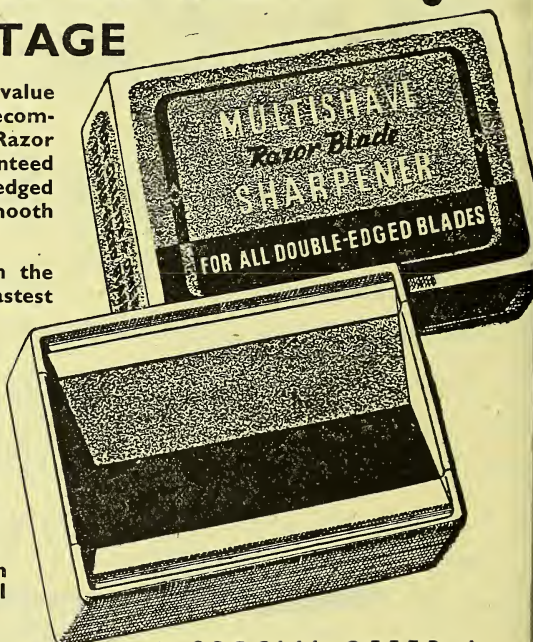
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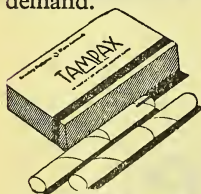
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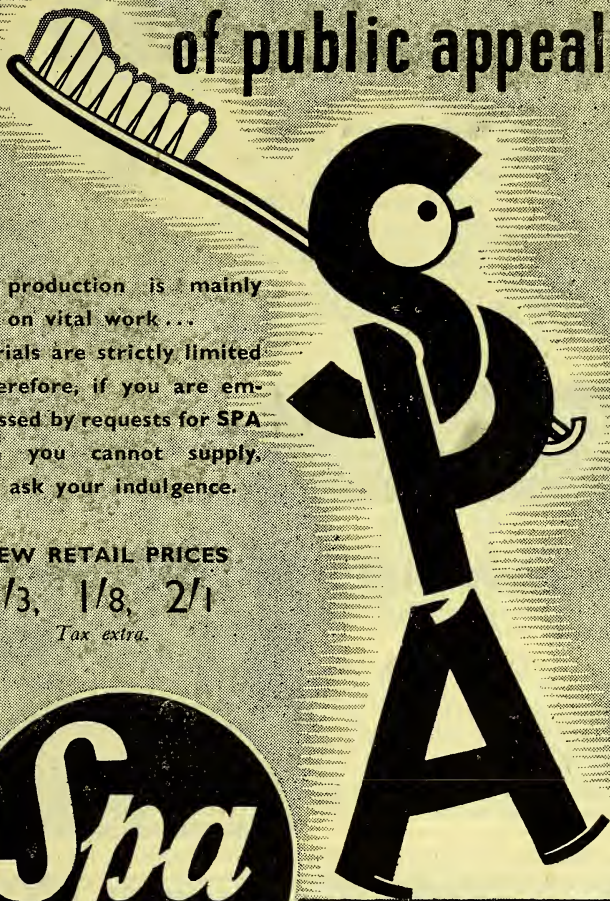
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OXO Limited regret that owing to prevailing conditions they are not able to make further deliveries of "LIVEROID."

Due announcement will be made when circumstances permit the resumption of manufacture.

OXO LIMITED

THAMES HOUSE, LONDON, E.C.4



Dettol Ointment is now packed in jars, instead of tubes, in order to save metal for munitions.

Dettol Ointment

presents the active germicidal principle (*P*-chlor-*M*-xylenol) of 'Dettol' antiseptic in a smooth, soothing base. The base is emollient and curative. It penetrates deeply, effecting close and prolonged contact between the bacteria and the bactericide. For all septic, and potentially septic, conditions of the skin, where an ointment form is preferable to a liquid antiseptic, Dettol Ointment may be recommended with confidence.

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For feminine pains, headaches, neuralgia and all other feverish conditions. In tubes of 12 Tablets, 1/4d. including Purchase Tax.

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SAVES STEEL AND MONEY

FIXED
RETAIL PRICE
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EACH PACKED IN A
SEPARATE CARTON
WITH INSTRUCTIONS
FOR USE.

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BY MAKING ONE SAFETY-RAZOR BLADE
LAST FOR HUNDREDS OF SHAVES.
THESE HONES ARE MADE IN GLASS
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AND SON LTD.

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ESTABLISHED 1846

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CURIOSITIES OF ANCIENT PHARMACY

No. 16

"Mystery Men!"

The Grocers' Guild, protesting to James I against the formation of the Apothecaries Company, received the reply: "Grocers are but merchants; the business of an apothecary is a mystery; wherefore I think it fitting they should be a corporation of themselves."

(It might be observed that the word 'mystery' in this connexion denoted 'profession' in the early Seventeenth Century.)

T.R. 108

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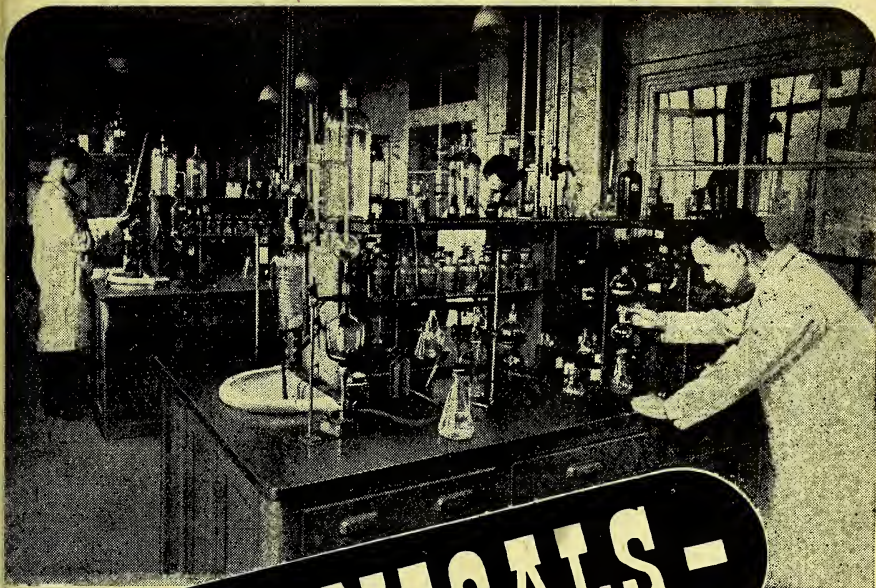
GOVERNMENT announcements in the Press are urging us to take special care of our clothes, so as to make our coupons last longer. And Thawpit advertisements are explaining how to remove dirt and grease marks, to lengthen the life of clothes.

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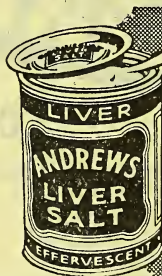
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Sheep farmers will be encouraged by the new low cost of these products to protect flocks against loss.

Protective measures against lamb dysentery are highly effective and cannot be too strongly recommended at the present time.

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VACCINE	13/4	12/9	12/0	11/6
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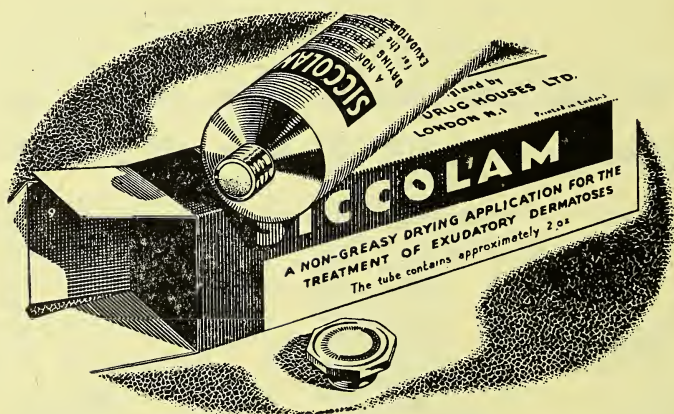
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A fat-free dessicant paste for the treatment of inflammatory conditions of the skin

Siccolam is the culmination of a long series of investigations, and dermatological value has been confirmed by extensive clinical trial. conclusion has been reached (Brit. Journ. Dermat. & Syph., June p. 177) that ' . . . technical properties render this preparation superior to many lotions, such as a calamine, zinc oxide lotion, etc., so commonly used in this country hitherto for the same indications.'



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1 Active in all inflammatory dermatoses. 2 Absolutely innocuous. No contraindications to its use. 3 Effects immediate adsorption of fluid exudate. 4 Causes rapid of inflammation and pruritus. 5 Active in both acute and chronic conditions. 6 Used in conditions in which the use of fatty preparations is contra-indicated. 7 Simple in use, and dries rapidly. 8 Conveniently packed in screw-capped collapsible

PRICES: Retail prices (including Tax): 2 oz. tubes 2/3 each; 4 oz. tubes 4/- each. Wholesale Prices (plus Tax at 16½%): 2 oz. tubes 16/- per doz.; 4 oz. tubes 28/- per doz.

Announcements similar to this are appearing in the medical press.

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28 ESSEX STREET, STRAND, LONDON, W.C.2

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NEWS OF THE WEEK

oad Haulage to be Controlled.—The Government has decided, as a war-time measure, to take over control of long-distance road haulage, and may later extend it to shorter-distance traffic. Under the scheme the country will be divided into zones coinciding with the Civil Defence areas. "Smalls" are among a few classes of goods exempted from the control.

New Coal Tar Control Order.—The Ministry of Fuel and Power has made the Control of Coal Tar (No. 2) Order, 1942, which came into force on November 1 and which amends the Control of Coal Tar Order, 1942. The new Order is similar in substance to the previous one, but in addition to the alterations in definition certain new provisions have been included. The treatment, use and blending of coal-tar products by distillers and importers will be subject to licence. A new article has been incorporated empowering the seizure and sale of coal-tar and coal-tar products in the event

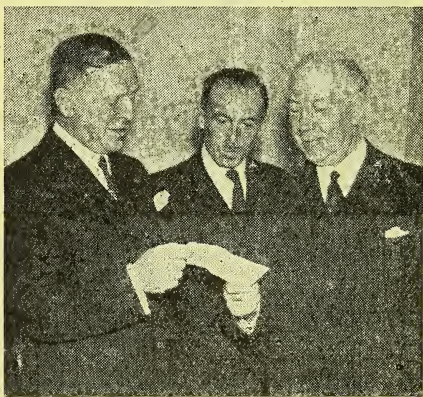
of suspected contravention of the Order. The application of the Control of Coal Tar (No. 2) Order, 1942, will extend to Northern Ireland. Applications for licences should be made to the Coal Tar Controller, Quebec House, Quebec Street, Leeds, 1.

Two Sulphur Orders.—The Ministry of Supply has issued the Control of Sulphur (No. 2) Order, 1942, which came into force on October 30, increasing maximum prices of sulphur ground from crude sulphur by £1 per ton. The Minister of Supply has also made the Control of Sulphur (No. 3) Order, 1942, which came into force on November 6, prohibiting the use of sulphur or any material containing sulphur in any of the processes in the wool textile industry or the wool hosiery industry known as "stoving," except under licence. Copies of both these Orders may be obtained from H.M. Stationery Office, York House, Kingsway, London, W.C.2, or through any bookseller, at price 1d.

Trade Committee Resignations.—Mrs. M. Tate, M.P., Mr. A. H. Mathias (chairman, Drapers' Chamber of Trade), and Professor Sargant Florence, Birmingham University, have resigned from the Board of Trade Retail Trade Committee.

Bath Pharmacists to Operate Drinking Water Scheme.—A scheme put forward in Bath for the emergency sterilisation of water for drinking purposes is to be operated by Bath chemists, assisted by a few outside persons with some scientific training. In the event of damage to water mains by enemy action or otherwise, participants in the scheme will assemble at an agreed spot to be sent to chlorinate water in stationary tanks or emergency wells. The water will first be tested for residual chlorine by means of a Lovibond Comparator, and chloride of lime or sodium hypochlorite added to bring the residual chlorine content of the water to the standard or agreed emergency level, afterwards treating with sodium thiosulphate if necessary. Mr. A. H. Rutt, M.P.S., is acting as leader of the sterilisation teams.

Pharmacists' £1,000 Salvage Effort.—Dentifrice Manufacturers' £1,000 cheque for Red Cross and St. John Fund. Mr. H. H. Bagnall handing to Lord Iliffe a cheque for £1,000, the proceeds of salvaged



tooth-paste and other collapsible metal tubes collected by chemists. The money will provide comforts for our prisoners of war and Services and civilian wounded. The special metals recoverable from empty tooth-paste, shaving cream and similar metal tubes are of national importance. If these tubes go into the general metal collection the tin and lead are lost in

smelting. When making sales of the goods chemists are asked to appeal to the customers to hand in their old empty containers. Every scrap of these metals tin and lead—is urgently wanted for munitions.

Middlesex Pharmacists' Salaries.—The Public Health Committee of the Middlesex County Council has recommended that assistant pharmacists at establishments under its control should be placed in the grade next above their existing remuneration in a scale proposed in July by the officers and staff committee of the Council. This scale commences at £250 per annum rising by annual increments of £10 to £3

Amendments to Sector Scheme.—Order has been made by the Minister of Food making certain amendments to Food (Sector Scheme) Directions, 1941, under the Food Transport Order, 1941, exclude chocolate couverture and compound butter from the provisions of the Sector Scheme. They also provide that drink chocolate, as well as cocoa, may be distributed by any member of the Cocoa and Chocolate (War-time) Association from any of the approved depôts.

Eire Examination Results.—There were one silver medallist and five other winners of honours awards in the October Licentiate examination held recently by the Pharmaceutical Society of Ireland. The silver medallist was Mrs. Johanna Patricia D'Arcy. Honours passes were secured by Matthew Bermingham, Patrick Fitzgibbon, Patrick John Leahy, Michael Moloney, Margaret Tuite. The following candidates passed: Lucy Bates, George M. Coleman, John N. Coleman, Kathleen M. Coleman, Michael H. Koss, Thomas R. Miller, Brian F. Martin, Evaline P. M. McDonagh, E. McMahon, Timothy J. O'Driscoll. The following candidates were successful in the recent Assistants' examination held by the Pharmaceutical Society of Ireland: T. Bree, M. G. Brogan, Teresa Frances E. Norah Josephine McCarthy, Kathleen Laughlin, Norah Teresa Murray, D. F. W. Twenty-five candidates entered.

Surgical Instruments Exhibition.—Specimens of the fine craftsmanship of surgical instrument makers of the eighteenth and nineteenth centuries were among exhibits at an exhibition organised by the Edinburgh branch of the British Red Cross Society to raise funds for the Society. Articles lent to the Royal College of Surgeons included the first hypodermic syringe ever used, s

polio-acid sprays used by Lister, and
 ks used for the extraction of teeth in the
 eenth and seventeenth centuries. An-
 exhibit was a case of surgeon's knives
 d at the Battle of Chesapeake in 1817.
 eplete with forceps, tweezers, etc.

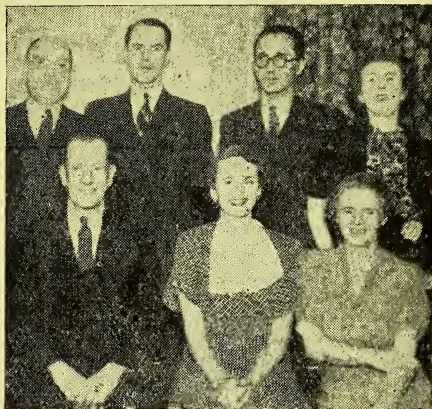
Catholic Pharmaceutical Guild.—A branch
 the Guild was established recently at
 castle-on-Tyne. The officers elected
 e: *Master*, Alderman R. E. Jackson,
 C. (ex-mayor of Tynemouth); *Vice-*
ter, Mr. Austin McGuckin; *Secretary*
 J. A. Butler, M.P.S.; *Chaplain*, Fr.
 Neill, D.Ph., S.T.L., D.C.L. Mr. C. E.
 Beth, London (secretary), outlined the
 s and objects of the society. Mr. F.
 Guckin, M.D., F.R.C.S., presided.

Paper Economy.—The Minister of Pro-
 tion has appointed a "Paper Economy
 mmittee" to assist him in obtaining a
 uction in the consumption of paper. The
 mmittee will examine all cases of exces-
 se use of paper and take the necessary
 os to effect economy. Further economy
 the use of paper is essential, and the
 ister is satisfied that many economies
 be obtained. He asks that all paper
 rs will give the Committee all the help
 their power in order that the necessary
 omies can be obtained with the least
 sible disturbance. The address of the
 mmittee is 3 Central Buildings, West-
 ester, London, S.W.1.

Hull Chemists of the Past.—At a recent
 eting of the Hull Chemists' Association
 Branch of the Pharmaceutical Society a
 e was given by Mr. L. S. Selle on "Hull
 emists of the Past." The earliest existing
 ord of a chemist in Hull, he said, was in
 year 1797, the shop being in Mytongate.
 esequently the business was transferred
 nlabby Road, where it was now conducted
 Mr. Stocks. In 1810 Messrs. Wilson and
 aderson opened a business as chemists
 l druggists, and this was later taken over
 Mr. J. Wilson as manufacturing chemist
 l importer of leeches, and later by
 ouse & Saltmer, Ltd. In 1817 a Mr.
 Dixon commenced business in the Market
 ce, and this was purchased in 1846 by
 J. C. Reinhardt, in 1863 by Mr. Francis
 le, and was now carried on by the
 er's son (Mr. E. Haworth Earle) at 48
 ag Edward Street. The business of
 on & Son in Savile Street dated back
 1831, and was now carried on by a
 ndson, Mr. S. T. Kirton. Other Hull
 inesses of the nineteenth century in-
 ded those of Mr. Bays, Witham; Mr.
 art, Princes Avenue; and Mr. Newton,

Hedon Road. The Hull Chemists' Associa-
 tion was formed in 1896, and four Hull men
 were among the founders of the Phar-
 maceutical Society. A vote of thanks was
 accorded to Mr. Selle on the motion of Mr.
 H. Clappison, seconded by Mr. Brockle-
 hurst, supported by Mr. W. Hay.

Eire Wholesalers' Social Evening.—
 Something different in the way of drug
 trade social functions was the enjoyable
 little dinner and theatre party given by the
 wholesale section of the Irish Drug Associa-



Group at I.D.A. theatre party

tion at the Shelbourne Hotel, Dublin, on
 October 27. Organised by Mr. W. R. Such
 (chairman of the section), this was attended
 by members of the section and their wives.
 Since the war broke out the need for fre-
 quent meetings, conferences with Govern-
 ment departments and arranging for ship-
 ping accommodation to try and maintain
 drug supplies in Eire cut heavily into the
 home life of members, whose wives had
 often to be without the society of their
 husbands. The little party which assembled
 for dinner comprised Mr. and Mrs. Such
 (Evans Sons Lescher & Webb (Ireland),
 Ltd.), Mr. and Mrs. A. D. Davidson (May,
 Roberts (Ireland), Ltd.), Mr. and Mrs.
 A. W. Hughes (St. Dalmas (Ireland), Ltd.),
 Mr. and Mrs. P. C. Cahill (P. C. Cahill &
 Co., Ltd.), Mr. and Mrs. S. T. McCauley
 (Irish Pharmaceuticals, Ltd.); Mr. and
 Mrs. I. C. Dawson (Ayrton, Saunders &
 Co. (Dublin), Ltd.), and Mr. R. A. Kidney
 (secretary of the I.D.A., wholesale section)
 and Mrs. Kidney. Following dinner the
 party proceeded to the Gaiety Theatre.
 At dinner each lady member of the party
 was presented with a box of chocolates.

TOPICAL REFLECTIONS

Approved Names

The announcement that the Pharmacopœia Commission has formed a committee to assist in the selection of approved names for medicinal substances (p. 455) is welcome. Pharmacists, wholesalers and manufacturers are as fully concerned as the medical profession in the results of this selection. If our choice lies between a short brand name and a chemical designation extending, as on p. 24 of the Fourth Addendum to the British Pharmacopœia, to nearly three lines of print, the short brand name is an easy winner. The case for the use of one general word for a chemical substance, whatever its source may be, is clear. Not many years ago a member of the British Pharmaceutical Conference refrained from putting a relevant question, during a discussion, for no other reason than that in putting it he would have given a proprietary article a free advertisement. Utilitarian as our age may be, there is sufficient of the requisite talent in the medical profession to enable a committee of the type indicated to steer clear of the pitfalls that beset the unwary in such an enterprise. The claims of Greek and Latin bases, sometimes competitive with each other, need to be borne in mind if a satisfactory outcome is to be attained. Many of us have heard scientific papers presented with an unfortunate discrepancy between the excellence of the matter and the uncouthness of the phrasing. The nine principles adopted by the Commission are unexceptionable. Some will undoubtedly be difficult to apply in particular cases; the fact, however, should add interest to the work. As an illustration of this difficulty, it may be pointed out that the principle limiting names "in general" to four syllables "at most" is already traversed by the heading "Mepacrine Methanesulphonate" in the Third Addendum to the B.P.

Greater Unification

One of the most useful of the principles referred to is the seventh, proposing the adoption of U.S.P. names as either principal titles or synonyms in official British nomenclature. When we remember the trouble that arose in 1936 over the synonyms for ergometrine (I do not know what has happened to them of late), we realise that the medical and pharmaceutical authorities in the English-speaking world can, if they will, take steps to avoid a similar waste of time in future. It is to be hoped that the new committee will extend its scope so as

to undertake a general oversight of English of the British Pharmacopœia, view to levelling rough places and unify needless variations. When the compiler of the 1898 Pharmacopœia threw out curic sulphate, they threw out with it I believe to have been the last trace of literary elegance in its predecessor of the statement that the salt is "rendered yellow by affusion of water." I do for a moment suggest that those responsible for pharmacopœial diction should use phrases of an archaic cast; to do so we savour of a self-consciousness at variance with the purpose of a scientific authority. But there is a danger that, in keeping rigid to the subjects in hand, compilers may miss the sight of the virtue of presenting those subjects in lucid, smooth, unforced English.

Dewar Centenary

Except in one of your monthly contributions, I have not noticed any reference to the centenary of Sir James Dewar's birth, an event that in normal times would have occasioned numerous paragraphs. Dewar was born in Kincardine-on-Forth, studied chemistry under Lord Playfair in Edinburgh and under Kekulé at Göttingen. Eventually he was appointed Full Professor of Chemistry at the Royal Institution in London, and in that capacity became known to the world at large. In the annals of science he is ranked with Davy and Faraday, his great predecessors at the Royal Institution—high but not exaggerated praise. The enthusiasm aroused by his lectures demonstrating the liquefaction and solidification of gases is a matter of well-attested history. Though I had not good fortune to be present on any of the occasions, I have been told by members of his audiences that there was in his experiments a compelling artistry enhancing the brilliant discoveries he had to communicate. One thinks with a certain amusement of the civic head of Magdeburg who, centuries ago, demonstrated the power of a vacuum by setting two teams of horses to pull at the halves of a copper sphere exhausted of air by a method then in vogue. Boyle, Cavendish, Faraday and Crookes made advances in the study of vacua; Pictet and Cailletet obtained oxygen in the form of a mist; but Dewar gathered up and extended all previous research in this fascinating subject, and added much of his own, eventually launching the vacuum flask. His fame is secure.

Xrays

LEGAL REPORTS

of Rationed Goods.—At Salford, on November 26, William Charles Evans, described as a manufacturing chemist, Cooke Pendleton, was summoned for contravention of the Soap Rationing Order. It was stated that defendant had sent to an employee now in the R.A.F. a gift parcel containing thirty-six tablets of toilet soap. It was stated by the prosecution that the Ministry of Food accepted that it was a genuine gift, but gifts of rationed goods could not be made except within the family. The case was dismissed on the payment of

a Misleading Label.—At Southend Magistrate's Sessions, on November 2, the Recorder allowed with costs the appeals of Boots Cash Chemists (Southern), Ltd., against a conviction by the Southend Magistrate in respect of "Oranjeast" (*C. & D.*, November 17, p. 390). Each company had been fined £20 for, it was alleged, attaching to the product a label calculated to deceive. The Recorder allowed 30 guineas costs in each case in respect of the police, court proceedings, as well as costs of the appeal. As the Recorder was not satisfied that the label contained the picture of an orange, the appeal against the conviction of Boots, Ltd., was allowed. He also found that Boots, Ltd., had exercised all diligence in seeing that the substance was accurately described.

Prohibited Advertisements.—At Uttoxeter, recently, Cyril W. A. Browne, East Terrace, Southampton, was summoned for contravention of Section 8 of the Pharmacy Act, 1941. It was stated that the charges were based on certain advertisements in a book entitled "Get Back to Health and Live," published by the defendant and issued on or about June 23, 1942. The advertisements referred to remedies for certain diseases, concerning which such advertisements were prohibited by the Act. The advertisements were: Walpole's Special Consumption; Dr. Walpole's Special Herbal Consumption Extract; Walpole's Special Consumption Herbs; Walpole's Special Fit Herbs; Albuminaria Herbs (in which Bright's disease was referred to); and Walpole's Chest and Lung Herbs (in which emphysema was referred to). The book in these advertisements appeared was stamped with a rubber-stamp impression on the leaf, stating that in view of recent legislation advertisements for Bright's disease, cataract, diabetes, epilepsy, glau-

coma, locomotor ataxy, paralysis, and T.B. must be considered as deleted from the book. The advertisements, however, were not obliterated in any way and in one instance one of the preparations referred to had been purchased, thus showing that the advertisements were still effective. The Council of the Pharmaceutical Society had considered the book to be a serious infringement and had applied to the Attorney-General for consent to prosecute. After a statement on behalf of defendant, who pleaded guilty, the chairman of the magistrates said a fine of £1 would be imposed on each summons.

Trading With the Enemy Act.—At the Mansion House, London, E.C., on November 2, Astrin Brothers, Ltd., Stafford House, King William Street, were fined £250 for an offence under the Trading with the Enemy Act and the Defence Regulations. For the Director of Public Prosecutions it was stated that in May 1942 the defendants, who were importers and exporters, tried to establish commercial intercourse with the Banque de l'Indochine of Djibouti, French Somaliland, which had been declared enemy territory. The letter, which was in the nature of a circular, asked for information regarding exportations of waxes. It was stopped by the censorship authorities, and when the company was communicated with they replied immediately that the letter was sent in error, and that the company would not offend again. The reason why, in these circumstances, criminal proceedings were taken, was that the defendants had received several cautions from the Trading with the Enemy Department in regard to sending business communications to companies and firms who were scheduled as appertaining to the enemy.

On behalf of the defendants, who pleaded "Guilty," Mr. Victor Durrant said that the real complaint in this case was that the defendants had run foul of the department before. But in spite of the great number of circulars the company had sent out, no business had resulted, and in the end no harm had been done.

The Lord Mayor said there was every facility for business men to obtain from the departments concerned full information how their operations were affected by emergency legislation. This case revealed how necessary it was for firms who broadcast their business inquiries so widely as did the defendants to exercise the greatest care. This the defendants had not done.

SERVICE TENANCY AND POSSESSION

At Minehead County Court on October 20, Mr. W. Deacon, M.P.S., Bridgwater, claimed possession of a flat in the occupation of a former manager of his chemist's business there, Edward Michael Valentine Kennedy, now stated to be working in Liverpool, together with mesne profits amounting to £18 6s.

In 1937 defendant was appointed manager of the Alcombe shop, which then occupied a lower position along the Alcombe Road, and to which there was a flat attached. The question was raised whether this constituted a separate letting or whether the flat was taken by Kennedy as part of his service arrangement. In 1940 Mr. Deacon acquired the premises higher up the road known as Ann's Pantry, as a result of which defendant entered into occupation of the living accommodation there at a rental of a guinea a week. Later the plaintiff decided to try to sell the business, and Kennedy accordingly received notice to terminate his employment there and also his tenancy of the flat. Arrangements were made by which Mr. Deacon offered defendant a sum of £25, later increased to £40, to cover the cost of removal of his furniture, and he also assisted him to get another post. This arrangement, however, fell through, because the living accommodation offered was not suitable to the defendant, who later secured a post at Liverpool. His wife and family had since remained in possession of the flat.

Sale Completion Postponed

In the meantime, however, Mr. Deacon had engaged another manager, a Mr. S. B. Moss, who, like the plaintiff, in view of the arrangements made, had anticipated taking over the accommodation at Ann's Pantry. The plaintiff in the main relied upon the flat coming within the Rent Restriction Act, 1933, as being a dwelling-house, reasonably required by the landlord for the occupation as a residence of a person in his whole-time employment.

Evidence given by Mr. Deacon, following reference to voluminous correspondence between the parties, disclosed that Moss had contracted to buy the business upon possession of the living accommodation being given by the middle of the year. In view of the difficulties that had arisen the date of completion of sale, on this understanding, had been postponed to December 1.

During cross-examination, Mr. Deacon agreed that he went ahead with the arrangement with Moss in spite of Mrs. Kennedy having stated that they were not going of the flat, because he did not accept what she said. His Honour thereupon commented that Mr. Deacon appeared to have done his level best to help Kennedy.

Judgment for Defendant

In giving his decision, Judge Wethers said his sympathies were all with the landlord, but, while he did not think the Rent Restriction Acts ever intended that tenancies should be in the position of being able to be as much mischief as Mr. Kennedy was doubtfully doing in this case, where sympathies were had nothing to do with the matter. He had come to the conclusion that the flat was let to defendant in consequence of his employment as manager of the shop. "Can I say here that the dwelling house is reasonably required for some person in the whole-time employment of Deacon? For the time being Moss is doubtfully working under a contract of service with Deacon, but it is a purely temporary arrangement forced upon the parties because Deacon cannot complete his contract with Moss because Kennedy won't give up possession. Unless he does so by December 1, the contract has to be cancelled. If an order for possession is obtained, and as soon as Kennedy goes out, the purchase will be completed and the place will be occupied by Moss, not as Deacon's servant but as the new owner of the business. Deacon requires it for occupation by his manager." He did not consider that statutory provisions had been satisfied that his jurisdiction was opened, and therefore found, unwillingly, that he had no power to make an order in this case. He gave judgment for the defendant with costs, and for the plaintiff in relation to the mesne profits, representing accrued rental since notice to quit was terminated, which had been offered and refused.

HOSPITAL PHARMACISTS' SALARIES. A pamphlet giving the recommended minimum commencing salaries of the Guild of Hospital Pharmacists (see *C. & D.*, 1941, II, 183), containing a paragraph on cost-of-living bonus (*C. & D.*, October 10, p. 360) has been issued by the Guild for the information of hospital authorities.

TRADE NOTES

Soap Supplies Available.—Dearborn (1923), Ltd., Hellidon House, Hellidon, Daventry, Northants, offer immediate supplies of moderate quantities of Pileta toilet soap. Terms are given on another page.

Trichlorethylene in Anaesthesia.—Imperial Chemical (Pharmaceuticals), Ltd., 89 Oxford Street, Manchester, 1, point out that only Trilene brand of purified trichlorethylene, manufactured by the company, is recommended for use for anaesthetic purposes (see *C. & D.*, October 17, p. 395).

In Short Supply.—John Freeman & Co., Ltd., Spa Brush Works, Chesham, Bucks, state that, as their production is now mainly on goods of national importance, the materials available for the manufacture of Spa Nylon toothbrushes are limited; they are unable, therefore, to complete all orders as received.

Price Reduction.—Considerable reductions are announced by Burroughs Wellcome & Co. (The Wellcome Foundation, Ltd.), London, in the prices of Wellcome lamb dysentery vaccine and lamb dysentery serum. Terms to the trade and quantity terms to farmers are given on another page in this issue.

Denture Fixative in Collapsible Tubes.—Dentensive denture fixative, distributed by Don S. Momand Co., Ltd., 10-15 Chitty Street, London, W.1, is now offered in the form of a cream packed in collapsible tubes. The product is not subject to the Limitations of Supplies Order, and is now being nationally advertised.

Now Packed in Jars.—Dettol ointment, possessing the active germicidal principles of Dettol antiseptic, is now packed in glass jars instead of collapsible tubes, in order to release metal for the manufacture of munitions. In addition to the small sized jar for private users, a 1-lb. jar is offered for hospital and surgery use by the makers, Reckitt & Sons, Ltd., Pharmaceutical Department, Hull.

Thiazamide Supplies.—Relatively large quantities of Thiazamide brand sulphathiazole and its sodium salt are now available from Pharmaceutical Specialities (May & Baker) Ltd., Dagenham. The product is issued in tablets of 0.50 gm. in containers of twenty-five, 100 and 500; bottles of 15 gm. powder and in ampoules of the sodium salt (each equivalent to 1 gm. sulphathiazole), in boxes of six and twenty-five ampoules.

"Strong Rub."—A new speciality, Bak brand strong rub, for use in rheumatism, sciatica, lumbago, neuritis, etc., is offered by Bak Laboratories, 18 Longside Lane, Thornton Road, Bradford. The product is attractively packed in 1-oz. and 2-oz. glass jars, and wholesale and retail prices are obtainable on application to the manufacturers. Showcards are not at present available but every chemist who places an order will receive as soon as it is ready any show matter produced.

Clothes-cleaning at Home.—In view of clothes rationing and the restrictions that have recently been put upon the dry-cleaning of civilian garments, Thawpitt Proprietary, Ltd., Woodstock Factory, Woodstock Grove, London, W.12, suggest that their speciality Thawpitt is likely to enjoy a greatly increased sale during the coming months; special advertisements are appearing in the Press explaining how the product is used in removing dirt and grease marks and thus lengthening the life of clothes. The preparation is available in one popular and one large size from all trade wholesalers.

Business Changes

SELKA, LTD., have transferred their offices to 23 Dering Street, Oxford Street, London, W.1. Telephone: Mayfair 2412.

MR. J. A. BURKE, M.P.S.I., has taken over the pharmacy of the late Miss Myra McGoldrick at Wine Street, Sligo.

CARNEGIE BROS., LTD., announce that the chemical section of their business has now returned to 227-29 Essex Road, London, N.1. Telephone: Clissold 4761.

Proprietary Articles Trade Association

Additions to Protected List.—*Clinical Products, Ltd.* (sole distributors, *Scott & Bowne, Ltd.*). Menopax, 22s. 8d. doz., tax 3s. 9½d. doz., inclusive retail price 2s. 10d.; 5s., 45s. doz., tax 7s. 6d. doz., i.r.p. 5s. 7½d.; 10s., 90s. doz., tax 15s. doz., i.r.p. 11s. 3d. Complaxa (complete laxative) 1s. 3d., 11s. 3d. doz., tax 1s. 10½d. doz., i.r.p. 1s. 5d. Minimum of two doz. Complaxa supplied direct.

Osborne, Bauer & Cheeseman, Ltd. (agents, *Sangers, Ltd.*). Glymiel healing ointment tablets, 3s. 4d. doz., tax 1s. 1½d. doz., i.r.p. 6d. Glymiel medicated jelly, 4s. 9d. doz., tax 9½d. doz., i.r.p. 8d. Glymiel jelly in tubes withdrawn

COMPANY NEWS

NEWMAN TRIFLEX, LTD. (P.C.).—Capital £100. Manufacturers of and dealers in cameras, chemicals and photographic requisites, etc. First directors not named. R.O.: 11 Waterloo Place, London, S.W.1.

ALCONA PRODUCTS, LTD. (P.C.).—Capital £100. Manufacturing, wholesale and retail chemists, druggists' sundriesmen, etc. R.O.: 121a Hampstead Road, London, N.W.1.

MILTONS (CHEMISTS), LTD. (P.C.).—Capital £1,500. To acquire the business of a chemist and druggist carried on at 31 Church Street, Stoke-on-Trent (R.O.). Gilbert Snow, M.P.S., and Spencer H. Allen, M.P.S., directors.

DELETED FROM REGISTER.—"The London Gazette," October 23, announces that the following companies have been struck off the Register of Companies: British and Foreign Chemical Producers, Ltd.; Dr. Madaus & Co., Ltd.; New Process Soap, Ltd.; and New Therapy, Ltd.

BANKRUPTCY, RECEIVING ORDER AND ADJUDICATION.—Moses Fagot, M.P.S., 32 The Avenue, Bedford Park, London, W.4, employed at 338 Kilburn High Road, Kilburn, London, N.W.4, lately trading as Phago Pharmaceuticals at 707 Finchley Road, London, N.W.6. Public examination at Bankruptcy Buildings, Carey Street, London, W.C.2, at 11 a.m. on November 18.

Private Arrangement.—Mrs. ETHEL BOWDEN, 32 Lytton Grove, Putney, London, S.W., formerly at 41 Broadway, Wimbledon, S.W. A circular has been issued to creditors by the Association of Manufacturing Chemists, stating that they have carried out an investigation of Mrs. Bowden's affairs. A statement prepared shows that the liabilities amount to £1,527, of which £995 is due to the trade at the date of the sale of the business on July 4 and the balance of £282 is in respect of rent, lighting, taxes, etc. The assets consist of cash at bank, £189; investments, £65; household furniture and effects, £1,500; freehold properties, £3,200; and leasehold properties £3,000, making a total of £7,954, or a surplus of £6,427. Circular states that Mrs. Bowden is not in a position at present to discharge the liabilities in full, but to bring matters to a finality she has executed a deed of assignment to Mr. Parkin S. Booth as trustee. Mr. Booth is endeavouring to raise sufficient cash to discharge the liabilities.

C. & D. DISPENSING PRICE LIST

THE changes in prices of drugs and chemicals during October were small and diffused largely over substances in which turnover is small; the index figure consequently remains the same as in September: 134.4. The corresponding figure in 1941 was 127.7. The main changes are shown below:—

d.	per	Cost	Allowance has been made for purchase tax where applicable	Dispensing price		
				4 oz.	1 oz.	1 dr.
120	lb.	Acaciæ gummi alb. elect.		4 3	1 3	0 3
78	lb.	Acaciæ gummi alb. pulv. opt.		2 9	0 11	0 2
18	lb.	Acid. oleic.		0 8	0 3	—
84	lb.	Althææ flores		3 0	0 11	0 2
38	lb.	Arecæ pulvis		1 7	0 7	0 1
8	oz.	Asafetida pulv.		—	1 2	0 2
84	dr.	Atropina S.I (4)		0 6	per grain	
72	dr.	Atropinæ sulphas		0 6	per grain	
99	lb.	Belladonnæ rad. pulv.		4 0	1 2	0 2
60	lb.	Calci et sodii lactas		2 2	0 9	0 2
6	oz.	Calx sulphurata		—	0 11	0 2
62	lb.	Cera alba in massa		2 4	0 9	0 2
9	oz.	Colocythidis pulpæ pulvis		—	1 4	0 3
204	lb.	Copaibæ		7 3	2 3	0 4
63	dr.	Crocus		—	—	9 1
30	oz.	Ext. calumbæ		—	4 10	0 9
10	oz.	Guaiaici resinæ pulvis		—	1 6	0 3
44	lb.	Hellebor. nig. rad. pulv.		2 0	0 8	0 2
54	lb.	Linctus diamorph. et scillæ B.P.C. Supp. S.I (5)		2 10	0 8	0 2
12	oz.	Liquor atropinæ sulph. B.P.C. S.I (5)		—	2 0	0 4
31	oz.	Lupulinum		—	4 7	0 9
45	lb.	Magnesia levis		1 8	0 7	0 1
57	lb.	Magnesia ponderosa		2 1	0 8	0 2
23	oz.	Oculentum atropinæ S.I (5)		—	4 1	0 7
19	oz.	Oculentum flav. c. atropin. S.I (5)		—	2 10	0 5
29	oz.	Ol. betulæ		—	4 3	0 7
129	lb.	Ol. eucalypti opt.		4 7	1 4	0 3
46	oz.	Ol. myrsiticæ exot.		—	6 10	1 0
26	oz.	Podophylli resina		—	4 1	0 7
42	lb.	Pyrethri radices pulvis		1 8	0 7	0 1
84	gal.	Spt. chirurgicæ No. 1		1 6	per pint	
36	oz.	Theobromina et sod. sal.		—	5 9	0 10
22	oz.	Ung. atropinæ S.I (5)		—	3 7	0 7
39	lb.	Zinci acetat		—	0 7	0 1

PHARMACEUTICAL CORPS LAUNCHED

THE inaugural meeting of a Pharmaceutical Corps (see *C. & D.*, October 3, p. 358) was held at 17 Bloomsbury Square, London, on October 29; lecture hall was filled to capacity. The chairman (Mr. L. Hayward, chairman of the North London Branch of the Pharmaceutical Society) claimed that the project had received cordial support from members throughout the country, and the attendance there showed that there was a real need for the co-ordinated contribution pharmacists might make towards the war effort. He introduced Mr. J. Ross-Mansell, who had been largely responsible for the creation of the Corps, and who submitted to the audience details of the proposed organisation.

Objects

Mr. Ross-Mansell said that in order that pharmacists might be fully trained and properly organised in various services, some members of the North London Branch had made themselves responsible for the creation of the Pharmaceutical Corps. These members desired to see detachments of the Corps formed throughout the country, and expressed the hope that branch secretaries of the Society would co-operate to this end. These detachments, while containing pharmacists who were not members of first-aid organisations, would include also pharmacists who were members of Civil Defence organisations, of the British Red Cross Society, and of the St. John Ambulance Brigade. The Corps desired to place its services at the disposal of the Civil Defence organisations, to offer its trained personnel as instructors, and, in the event of a national emergency, to place at the disposal of the authorities such first-aid and other stations (such as mobile dispensaries) as it would have created. The detachments would therefore exist in order (a) to provide training in first aid, nursing, hygiene and sanitation, gas-detection and anti-gas measures, and other civil defence duties; (b) to co-operate in schemes drawn up by local and central authorities for safeguarding the civilian population against invasion or air attack; (c) to supply highly-trained personnel, if required, in times of emergency; (d) to supply instructors to Civil Defence organisations, as well as to the Home Guard; (e) to afford members opportunities of meeting together for lectures and practices, with the object of combining individual efforts for the public advantage;

(f) to assure that all training would be of a standard commensurate with the status of professional workers, to examine in these subjects, and to issue certificates. All members were to be registered chemists and druggists, and all should sign a form of enrolment; women pharmacists would be eligible.

Training

The basic training would be in first aid and nursing, including courses of eight lectures on elementary anatomy and physiology; ten lectures on first aid, with ten two-hourly practices in bandaging (triangular, roller, plaster of Paris); application of splints; administration of drugs by subcutaneous and intramuscular injection; inhalation therapy; various methods of transport; twelve lectures and twelve two-hourly practices in nursing, to include bed-making, general and special; sterilisation; temperature, respiration, pulse, blood-pressure, and charting; observation of vomit, sputum, urine, and stools; urine testing; ward dressings, preparation for operation; methods of treatment; preparation of apparatus and patient for special procedures. Members could, if they so desired, proceed to take courses in hygiene and sanitation, gas detection, and air-raid precautions. Corp members, having passed the basic training, would be entitled to wear a suitably designed badge. Arrangements were also to be made that members desirous of joining any of the Civil Defence organisations shall be attached as Pharmaceutical Corps personnel, retaining their status within the Corps. Members already in the Civil Defence organisations could request a transfer to the Pharmaceutical Corps and resume their duties as members of the Pharmaceutical Corps.

Resolution to Form Corps

About twenty-six members entered into the discussion which followed and a proposal that the Corps should be formed was moved by MR. SANDERSON, seconded by MR. BANKS. It was carried unanimously, with acclamation. MR. GORDON DILLEY then moved a vote of thanks to the chairman and Mr. Ross-Mansell. Any pharmacists who were unable to attend and wish to join are asked to write for an enrolment form (in stamped addressed envelope) to Mr. L. Hayward, 353 Archway Road, London, N.6, or Mr. J. Ross-Mansell, 25 St. Margarets Road, Edgware, Middlesex.

REGISTRAR REVIEWS PHARMACY

At a meeting of the Bradford Branch of the Pharmaceutical Society recently, Mr. J. W. Kitching in the chair, Mr. H. N. Linstead, M.P. (registrar, Pharmaceutical Society), spoke on topical pharmaceutical problems. Explaining that he had no further governmental ambitions, Mr. Linstead said his interests were to link together more effectively the Pharmaceutical Society and Government departments, while serving the country and his constituents. He commended the Branch for its progressive ideas on united pharmacy, and urged that the, necessary pioneer work should be started.

The Small Man

Turning to the main topic of his address, Mr. Linstead said the structure of industry was on lines of vertical development, retail, wholesale and manufacturing becoming one closed group within the limits of large concerns. This development, together with diminishing supplies and war conditions, was exerting a marked "push out" of independent traders, and the small man in business was also being elbowed from the main places of business into "round-the-corner" premises. The position was somewhat disguised in pharmacy and in food distribution, because foods and drugs were specially available to such businesses; but nevertheless the tendency was there. The Retail Trade Committee's recommendations were to enable the trader to save capital; to maintain the ability to re-open in post-war days; and to meet present contractual liabilities.

National Service

The position of pharmacists and assistants relative to military service was beginning to become clearer, despite a welter of forms. It was good that pharmacy should be regarded, with medicine and dentistry, as capable of controlling its own organisation relative to man-power. The position of male pharmacists in general was that those under twenty-five would have little opportunity of being retained much longer. The over-thirties, he suggested, would, unless the military position deteriorated seriously, be granted a further term of deferment. Pharmaceutical students were still reserved until qualification. The position of the Ph.C. student was such that the Chemist and Druggist Qualifying examination had to be by-passed; otherwise

the student would be unable to continue the second-year studies. With women students the position was that they could take the C. and D. examination and continue to take the Ph.C. without interruption. Women pharmacists and dispensers were "frozen" in pharmacy. Theoretically they could be sent into the Services, but it was unlikely that any movement in that direction would be made. Recent discussion with the Ministry of Labour had resulted in a 'decision' to take a census of pharmaceutical staffs.

Post-war Conditions

It was reasonable to anticipate a carry-over of war conditions in order to "cushion" the post-war difficulties, and it was necessary to envisage rationing, limitation of supplies, no new businesses, and continued price-control for some time to come. In pharmacy it was necessary to have internal collaboration. A great deal more might be done in this way than by attempting any programme of monopolistic legislation. The Chemists' Friends scheme, Drug Trade Council, and a united pharmacy would have a powerful effect in securing "Pharmacy for the Pharmacist." The recent operations of the Statutory Committee were indicative of the opportunities of this body to elevate the ethical and professional tone of pharmacy. The organisation of pharmaceutical employees was a real necessity.

Comments and Questions

MR. GELDARD opened up a barrage of comments and questions by asking the secretary whether he thought it best that a pharmacist who was called up and unable to obtain a manager should close down or should convert to a drug store.—MR. LINSTAD in reply said he had no hesitation in recommending that the pharmacy be converted to a drug store.

MR. WHITTAKER asked why not prevent "junk" reaching the public, to which MR. LINSTAD replied he hoped future legislation would deal with this position.

MR. WILKINSON wondered to what extent businesses would have to be reduced in number.—MR. LINSTAD said that a further third of the retail businesses would have to be closed down.

A vote of thanks was proposed by MR. WILKINSON, seconded by MR. KIRBY, and supported by MR. W. SUTCLIFFE.

PERSONALITIES

MR. PERCY C. MAGNUS (Magnus, Mabee Reynard, Inc., New York) was chairman a committee responsible for organising, on September 28, a Victory Banquet in New York open to all engaged in the drug, cosmetic and allied industries. The aim of the banquet was to raise £25,000 for Army and Navy Relief, the American Red Cross, and other war charities.

MR. HENRY FRANCIS MOORE, Ph.C., who has been elected president of the Pharmaceutical Society of Northern Ireland (C. & D., October 31, p. 449), is the owner of Moore's pharmacy, Royal Avenue, Belfast, and resides at Greenisland, co. Antrim. He served his apprenticeship with the late Mr. James Tate, Belfast. Qualifying in 1911 in Dublin, he was, for four years with Messrs. Price, Clare Street, Dublin. For a period Mr. Moore was senior assistant to Mr. Arthur Mayne, Cork, and compounder to the Victoria Hospital, Cork. He was later a qualified chemist with Harmur, Ltd., Belfast, and for over two years held the position of lecturer in pharmacy and materia medica to pharmaceutical students and medical students in Mr. Templeton's School of Scientific Chemistry, Belfast. In 1915 he set up for himself in Royal Avenue, Belfast, developing a flourishing business. Mr. Moore has taken a considerable interest in pharmaceutical politics for many years, and has been particularly active in the work of the Pharmaceutical Society of Northern Ireland.

RECENT WILLS

MISS KATE NELLIE HORNIBLOW, M.P.S., Queens Buildings, Llandudno, who died on July 10, left £11,946 gross, with net personalty £9,809.

MR. ERNEST RONALD WITHELL, Ph.C., 5 Sandon Road, Edgbaston, Birmingham, who died on August 8, left £2,642 gross, with net personalty £2,044.

MR. ROBERT HENRY NEVILL JOHNSON, 1 West Hill Way, Totteridge, Herts, manufacturing chemist, who died on November 11, 1941, left £9,095 gross, with net personalty £4,259.

MR. LEWIS CHARLES FOSTER, 54 Fairfield Avenue, Upminster, Essex, chief stores buyer for Kembell, Bishop & Co., Ltd., chemical manufacturers, London, E.3, who died on August 2, left £5,271 gross, with net personalty £4,312.

DEATHS

BARNETT.—At Uppingham, on October 27, after a short illness, Mr. Charles Barnett, M.P.S., Market Place, Uppingham, aged seventy-four. After qualifying, Mr. Barnett was in business for a time at Cleethorpes, and went to Uppingham in 1903. He was well known locally, and will be very much missed by a large circle of friends in the rural district.

COLLIE.—At Sligachan, Skye, on November 1, Mr. John Norman Collie, D.Sc., LL.D., F.R.S., aged eighty-three. Dr. Collie was appointed Professor of Organic Chemistry at University College, Gower Street, in 1902, and held that Chair until 1928, when he retired and was made Professor Emeritus. In 1913 he was appointed to succeed Sir William Ramsay as director of the chemical laboratories, an office he held until 1928.

DUNSTAN.—At Sutton-in-Ashfield, recently, Mr. John Frederic Dunstan, chemist and druggist, aged eighty-four. Mr. Dunstan was formerly in business in south-east London.

LLEWELYN.—At Alfreton, Derbyshire, on October 23, Mr. Arthur Evans Llewelyn, M.P.S., High Street, aged forty-five. It was stated at the inquest that deceased, who had been worried about his health for some time, was found in the dispensary suffering from the effects of hydrocyanic acid poisoning. A verdict of "suicide" was returned.

MUMFORD.—At Dulwich Hospital, London, S.E., recently, Mr. William Mumford, M.P.S., 16 Highland Road, Upper Norwood, aged sixty. Mr. Mumford was formerly in business at the Beulah Pharmacy, Thornton Heath.

TIDSWELL.—Recently, Mr. Foster Tidswell, M.P.S., Adwick Road, Mexborough, aged seventy-five.

WILLIAMS.—At Colchester, recently, Mr. Harry Williams, A.I.C., aged sixty-five. Mr. Williams was for some years with A. Boake, Roberts & Co., Ltd., Stratford, London, E., and later joined the research staff of Marks & Clerk, patent agents and engineers, Lincoln's Inn Fields, W.C. In 1919 he went to Australia, joining the staff of the Lanoleen Co., Sydney, New South Wales, and was for a time honorary Librarian of the Royal Society, Sydney. He returned to this country about four years ago and has been living in retirement at Aldham, Essex.



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The fact that goods made of raw materials in short supply owing to war conditions are advertised in this paper or described in its editorial columns should not be taken as an indication that they are necessarily available for export.

Planning for Health

AMONG the many plans which are being evolved for the betterment of the community when the war is over not the least important is that relating to the health services. In fact, so far as pharmacy is concerned the developments are likely to have a far-reaching and possibly revolutionary effect. It behoves pharmacists, therefore, to be fully acquainted with the proposals being put forward by the various interested bodies. We dealt with the main points of a memorandum submitted to the Committee on Social and Allied Services of the Pharmaceutical Society of Great Britain and the National Pharmaceutical Union in the C. & D., June 27, p. 696, and on the same issue we gave abstracts from the draft interim report of the Medical Planning Commission. Since then a report has been issued by the Liberal Party sub-committee on health services. This committee rejects the idea of a State medical service in which all voluntary hospitals would become civil servants, and suggests the immediate adoption of a positive health policy which will co-ordinate all present services and facilities and put them at the disposal of all citizens free of charge. It

advocates the appointment of statutory advisory committees, composed of doctors and representatives of public authorities, to advise local councils on health matters.

A Socialist Plan

Another plan put forward is contained in a memorandum by the Socialist Medical Association, prepared for presentation to the Medical Planning Commission. Entitled "The Socialist Programme for Health," the proposals deal with unification of the health services of the country, regionalisation, co-ordination and health centres. In each Health Unit, health centres would be provided, and would become the pivot of the personal health services. The function of the health centres would be threefold: maintenance of health, prevention of disease, and diagnosis, treatment and cure of disorders. In each unit one health centre would usually be connected with a general hospital, but subsidiary health centres would be placed where the distribution of population, transport facilities, etc., made them most easily available to patients. In general, these should aim at serving a population of about 100,000. Whether working at a Division Health Centre or a Local Health Centre, a general practitioner would be responsible for the health of about 2,500 or 3,000 persons. In practical terms, the work of a Division Health Centre would be:

1. Periodic examination for the maintenance of health and the early detection of disease;
2. A general practitioner service, both domiciliary and out-patient, including minor surgery;
3. A consultant service at the centre and in the patients' homes, run by specialists from the Unit hospital;
4. The work done at present-day health centres—ante-natal and post-natal care, infant welfare, child guidance, immunisation, etc.;
5. A dental service in which much attention would be paid to orthodontics;
6. Special departments—e.g. venereal disease departments—and clinics, such as cancer clinics, etc., found necessary;
7. Pharmacy for those attending the centre or served by it;

8. Ambulance, accident and factory service; examination and treatment of cases specially referred by the Industrial Medical Service;

9. Rehabilitation and occupational therapy; and

10. Health education, demonstration, and propaganda.

Local Health Centres would have the same functions as the Division Health Centre, except that as a rule the last three items in the list given above would be concentrated at a larger centre.

Under the heading "Personnel" the report states: "This term must be taken as covering all grades of workers in the health service. There are some 500,000 persons employed in various health agencies, 400,000 in institutions. These may be subdivided into professional groups, of whom there are 164,500, and non-professional, the remaining 235,000. Of the institutional personnel there are 150,000 nurses (apart from war-time extras) and 5,000 full-time doctors; of the non-institutional workers, 34,000 are doctors, 14,000 dentists, 11,000 nurses and 18,000 pharmacists."

While it is obvious that in the planning of such a scheme sectional or personal interest cannot be allowed to preponderate, yet so brief a reference to pharmacists and the services they can offer leaves a feeling of disquiet. It is not surprising that a sectional interest should leave others to fend for themselves, but an independent organisation which has responsibilities to the State as a whole should adopt a wider and more detailed vision to crystallise opinion.

A New Advance in Chemotherapy

ALTHOUGH good results have in many instances followed the intravenous administration of such chemical substances as tryparsamide in the treatment of trypanosomiasis (usually known, in its chronic and fatal form, as sleeping sickness), their use has been attended by grave risk of blindness in the patient. A new treatment tried in a series of cases in Uganda by Lawson (see "Lancet," October 24, p. 480) promises to open a new chapter in the treatment of this dread disease. Toxicity was low, especially

when compared with that of tryparsamide and the beneficial effects were rapidly seen. The series consisted of fifty-three cases of Gambian trypanosomiasis and the treatment was with 4:4 diaminodiphenoxypentone (Pentamidine or M. & B. 800). Administration began after all tests (which included red and white blood-cell count, estimation of hæmoglobin and colour index, differential white-cell count; separation of the blood test and examination of the cerebro-spinal fluid) had been complete. Every day the swollen cervical glands were punctured and the juice tested until the trypanosome count was negative for at least two consecutive days. All the injections were given intravenously daily, the injection solution being Pentamidine 10 mgm. in 1 c.c. sterile distilled water.

Results Observed

On examination two to three months after the end of treatment, forty-one patients were clinically cured, three much improved, four improved and four unaltered or worse; one had died. Thus on purely clinical assessment only five out of fifty-three were totally unaffected by Pentamidine. Judged by gland puncture, four cases were negative before, during and after treatment. Of the remaining forty-nine in the series, negative results to gland puncture were found after the first injection thirty-one, after the second injection twelve, after the third injection in five and after the fourth injection in one. All cases, once they became negative to gland puncture remained so. At later examinations they were all either still negative or had no palpable glands. "Hence as regards gland puncture 100 per cent. cure could be claimed," writes the author.

Toxic effects were discernible in 67.9 per cent. of cases. In order of frequency they were: Increased pulse-rate; feeling of heat all over the body, preceded by a feeling of the drug passing all over the body, itching followed by an almost uncontrollable scratching, especially of the genital area; nausea and vomiting; giddiness; shivering. The tendency to nausea and vomiting was reduced by making the patients take copious draughts of cold water while the drug was being given. All the symptoms

lasted a few minutes only, and were less severe after successive injections.

Summing up, the author suggests that the drug produces a rapid peripheral sterilisation of the blood and gland juice; is effective within ten days instead of in as many weeks with other chemical agents; and has a low toxicity. Another advantage is that the effective therapeutic dose is less than half the toxic and as little as one-fifth the lethal doses. It is admitted that the number of cases treated is insufficient for any concrete and general conclusions to be drawn. Already certain types of case have been found (as when the trypanosomes are found seriously to have invaded the central nervous system) in which there was no success. Moreover, much work remains to be done in order to draw up a practical scale of doses.

Nevertheless it is probably legitimate comment that the drug has proved itself the most promising so far introduced into the treatment of early cases of trypanosomiasis, and it may be anticipated that rapid progress will be made in systematising its use, and deriving the maximum benefit from its administration.

Limitation of Supplies—Revised Registers Delayed

OWING to printing difficulties the publication of the revised Toilet Preparations Register relating to the Limitation of Supplies (Toilet Preparations) (No. 4) Order, 1942, and the revised Home Trade Register for the purposes of the Limitation of Supplies (Miscellaneous) (No. 16) Order, has been unavoidably delayed, and it has consequently not yet been possible to issue the form of return of standard period supplies which registered persons are required to furnish to the Board.

Having regard to the fact that considerable parts of the current restriction periods have now expired, the Board has decided, for the convenience of traders and their auditors, to accept a combined return of standard and restriction period supplies: the forms of return will be sent out to traders as soon as possible after the close of the restriction period: December 31, 1942, for toilet preparations, and January 31, 1943, for miscellaneous goods. In the meantime,

registered persons are reminded that they are required to restrict their supplies of controlled goods (in the manufacture of which they carry out a process) in accordance with the provisions of Article 2 of the Order (S. R. & O., 1942, No. 1512) in respect of toilet preparations, and Article 3 of the Order (S. R. & O., 1942, No. 1510), as amended by No. 17 Order (S. R. & O., 1942, No. 1842), relating to miscellaneous goods.

Registered persons should, of course, have considered early in the restriction period which of their customers' names were likely to be registered for the purposes of the Orders and should have made a provisional computation of their standard period supplies and quotas. As soon as the revised Toilet Preparations Register and the revised Home Trade Register have been published by H.M. Stationery Office, traders should refer to them to make sure that they have correctly treated their customers as registered or otherwise, and should verify the accuracy of their quota computations.

Hot-water Bottles

THERE appears to be considerable misunderstanding among chemists regarding supplies of rubber hot-water bottles. It is erroneously thought that a wholesale house is able to supply such a bottle if the purchaser submits a doctor's prescription. This is not the case. There is no restriction on the purchase of the bottles by the public or the retailer, provided stocks are available. But in essence the situation is that the Ministry of Supply refuses supplies to private users upon any conditions, and refers cases of hardship to the Ministry of Health. Some chemists have acted on this advice, only to receive a stereotyped reply from the Ministry of Health to the effect that there is no restriction on retail sale. It is, therefore, of no avail to send a medical certificate to the wholesaler, who would be only too pleased to fill the order were he able to obtain the bottles from the manufacturer. The latter is also in a difficult position, since, even if he has the bottles in stock, he is unable to release them to the wholesaler without the sanction of the Ministry of Supply, yet the supplier is sometimes unable to convince his retailer customers that this is the true position.

THE LESS-FAMILIAR VITAMINS

THE National Association of Women Pharmacists was addressed in London on October 21 by Dr. W. P. Kennedy (formerly Professor of Physiology, Baghdad), who gave "Notes on Some of the Less-familiar Vitamins." The address is outlined below:—

The latest list of vitamins I have been able to compile falls into two parts: Substances identified as definite chemical compounds, and substances recognised as having vitamin activity but whose chemical composition is not yet determined. There are no less than twenty-four in the first and seventeen in the second groups.

The B Complex

Nicotinic acid, chemically, is pyridine- β -carboxylic acid, and is prepared by oxidising nicotine with nitric acid or potassium permanganate, or by the oxidation of quinoline. It promised to be an antidote to pellagra-producing diet, but it was found that thiamin or vitamin B₁ was also needed to cure some of the symptoms, and in short the best treatment was shown to be nicotinic acid plus supplements of the entire B complex. In 1934 it was found that rat acrodynia could be prevented by a yeast fraction which was then called vitamin B₆. Four years later the substance was isolated and shown to be a pyridine compound, to which the name pyridoxine was given. In addition to preventing rat acrodynia, pyridoxine has a growth-stimulating effect, and its absence causes peculiar fits in pigs and rats; anæmia in dogs also appears to follow its absence. Too little time has elapsed for its adequate trial in human disease, but it is clear that it is of importance in certain pellagra cases that do not completely respond to nicotinic acid. In 1930 a specific dermatosis of chicks was described, and the factor which prevented its occurrence was identified in 1939 as pantothenic acid, a substance apparently universally present in protoplasm. It is probably also identical with vitamin B₃. Calcium panthionate has already been included in some polyvitamin mixtures. Another commonly occurring member of the B complex is *p*-amino-benzoic acid, a substance which was long known in organic chemistry. So far the clinical importance of this substance has not been determined.

The Coagulation Vitamin

Vitamin K was named after the Scandinavian and German term Koagulation,

and was discovered when it was found that chicks reared on a purified diet developed subcutaneous hæmorrhages. Later work showed there were at least two and probably more substances with K activity naturally occurring in plants and bacteria.

Vitamin P

Tests indicated that citrus fruit juices were more effective than pure ascorbic acid in restoring capillary permeability to normal in cases in which C avitaminosis had resulted in hæmorrhages. In 1936 a group of workers identified the active material as a flavanone, and it was called vitamin P or citrin.

Unidentified Vitamins

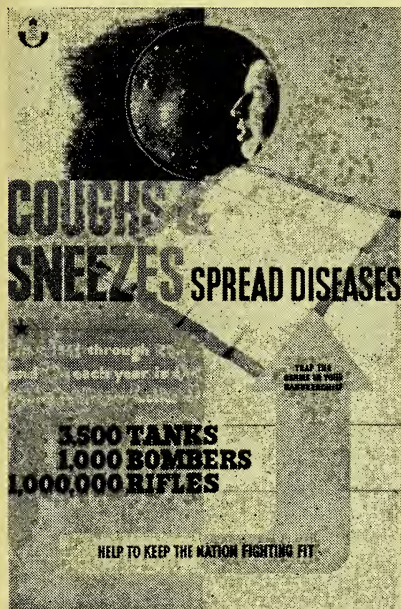
Reference is now made to one or two of the unidentified vitamins which have so far resisted the investigations of chemists but which may yet have importance in medicine. Two years ago a vitamin B_c from liver extracts was postulated as protecting chicks against a type of anæmia. The special interest of this is that some of the so-called tropical macrocytic anæmias of obscure origin respond well to therapy with crude liver extracts. Vitamin J, also called C₂, has been suggested as a factor which prevents pneumonia in guinea pigs. Two lactation factors L₁ and L₂ have been described as being necessary for animals, the one being found in liver and the other in yeast.

The Vitagens

The vitagens must be mentioned. These are a group of organic compounds which resemble vitamins in being protective elements of the diet. They, too, are needed for growth and health, and mostly cannot be built up by the organism. The difference is that they are used directly as structural building units, and act as sources of energy. Some of them have been called vitamins by various authors, but recently the name vitagen has been suggested. First, there is a group of essential fatty acids which at one time were called vitamin F. Which of the series are essential is not finally settled, but three are required in animal economy. They are linoleic, linolenic and arachidonic acids. As in the case of the other vitagens nearly all the research has been done on rats, and little or nothing is known of the human requirements. Ten amino-acids have been listed as essential for the diet of young rats.

WINTER HEALTH CAMPAIGN

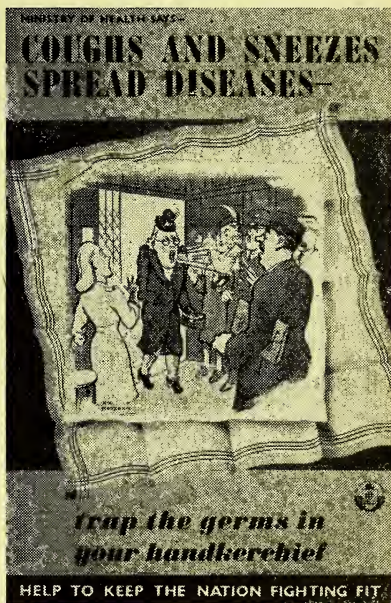
THE Ministry of Health, with the co-operation of the Ministry of Information, is launching another winter health campaign. It will be remembered that a nation-wide



Poster designed to stress how the war effort is hindered by the spread of colds and influenza.

endeavour was made last year to limit the spread of infection in respiratory diseases and an extensive propaganda campaign was carried out in this connexion (*C. & D.*, October 18, 1941, p. 70). This year the Ministry will renew its attack on the careless cough and sneeze by means of persistent education on the dangers of droplet infection. Publicity will be on "positive health" lines and will emphasise how thoughtlessness helps to spread not only the common cold but such serious diseases as influenza, whooping cough, bronchitis, tuberculosis and cerebrospinal fever. The aim is to make careless coughing and sneezing rare occurrences in public, and by limiting the spread of infection to increase the nation's production effort. The slogans used last year will again be employed, and the well-known artist, H. M. Bateman, has produced another set of four cartoons which will be displayed as posters in all parts of the country. In addition, a special poster has

been designed to stress how the war effort is hindered by the spread of respiratory diseases in factory, workshop and office. This poster is partly pictorial and partly diagrammatic, and embodies a panel pointing out that time lost every year through colds and influenza represents the equivalent in production of 3,500 tanks, 1,000 bombers, and 1,000,000 rifles. The lighter note struck by the Bateman posters will be balanced by this poster and by the practical advice which will be given by broadcasts by medical experts, leaflets and by exhibitions. The campaign was launched at the end of October and will continue until about the middle of March. Poster sites are being



One of a set of four posters showing cartoons by H. M. Bateman.

provided free of charge by various interests including the National Pharmaceutical Union and multiple chemists, and it is understood that copies of the posters have now been distributed.

DIPHTHERIA IMMUNISATION CAMPAIGN.—The Ministry of Health is urging Health Visitors to conduct a special campaign to secure the immunisation against diphtheria of all children under five years of age.

SPEECH DAY AT MANCHESTER

SPEECH day, organised by the Manchester Pharmaceutical Association, was held at Manchester University on October 21, the president (Mr. A. E. Thorpe) in the chair. Mr. Harry Brindle reported on the work in the department during the year. Owing to the demands of the Ministry of Labour and the military authorities it had not been possible to make any recommendation regarding the Woolley research scholarship in the previous session, but this year it had been awarded to Miss B. J. Lovell. Negotiations were proceeding for the institution of a second scholarship. Thomas Kerfoot & Co., Ltd., had offered a scholarship for the encouragement of research in pharmacy and allied subjects, tenable in the department. The University was indebted to the firms that made scholarships available.

Research

Research, as yet unpublished, had been carried out during the year on sterility of oils; stomatal ratios in senna leaflets; arsenic in plants, particularly parsley; methods for determining small amounts of cantharadin; adrenaline in oil injections; nitrogenous constituents of potato starch; and factors affecting the active principles of belladonna and hyoscyamus. An investigation into the application of spray drying to various pharmaceutical products had been conducted by Dr. Bullock and Mr. Lightbown.

Prize-giving

Miss I. Roberts, M.Sc., Ph.D., distributed the prizes to the successful students, as follows:—

J. Woolley, Sons & Co., Ltd., prize, value £3 3s., for the best student in the B.Sc. and Ph.C. courses, third year: Barbara Jean Lovell; Hough, Haseason & Co., Ltd., prize, value £3 3s., for best student in second year course: Gerald James Rigby; Allen & Hanburys, Ltd., prize, value £3 3s., for second place, B.Sc. and Ph.C. courses, third year: Harry V. Hoyle; Oldfield Pattinson & Co., Ltd., prize, value £2 2s., Intermediate B.Sc. course, first year: J. J. Lewis; Thomas Kerfoot & Co., Ltd., prize, value £2 2s., pharmaceutical chemistry, second year course: Gerald James Rigby; prize presented by president of the Association (Mr. A. E. Thorpe), value £2 2s., pharmaceuticals, second year course: Gerald James Rigby; Manchester Pharmaceutical Association, prize, value £2 2s., pharmaceuticals, B.Sc. and Ph.C. course: Barbara Jean Lovell; prize presented by chairman of the Society's Branch (Mr. H. Brindle), value £2 2s., pharmacognosy, second year course:

Keith Winterbottom; Manchester Branch of the Society prize, value £2 2s., Intermediate course, Salford Technical College: Sydney Steger; E. Griffiths Hughes, Ltd., prize, value £2 2s., dispensing and physiology, second year course: Eric Swales; Pharmaceutical Society prize, British Pharmaceutical Codex, pharmaceutical chemistry: Tennyson Harris; silver medal presented by Miss I. Roberts for best aggregate marks, Final B.Sc. and Ph.C. course: Barbara Jean Lovell; silver medal presented by Harry Brindle for best aggregate marks, Chemist and Druggist course: Gerald James Rigby.

Address to Students

In an address to the students Miss Roberts said that success in their examinations was not an end of their achievement, rather was it the starting point of a new life of endeavour. They must keep up their scientific knowledge and general reading, keep in touch with the general advance in medicine and pharmaceuticals, and not let routine work absorb all their energies. Reconstruction would come after the war, and for this the younger generation must be prepared, for upon them the responsibilities would fall. They must study carefully all plans for the improvement of the health services, and press ceaselessly for adequate recognition of pharmacy. Whether developments would be in the direction of a State medical service, or an enlargement of the present National Health Insurance scheme, the position of pharmacy, as an essential unit, must be safeguarded. They (the students) were possibly the future leaders of pharmacy and they must equip themselves to be ready when the time came.

Votes of thanks to Miss Roberts, proposed by Mr. J. H. Franklin, and to the donors of the prizes, proposed by Professor A. D. Macdonald, were carried with loud applause.

Presidential Address

In his presidential address Mr. Thorpe, after complimenting the prizewinners, said all should be proud to belong to the Society. Whilst they could not always agree with its policy, they must remember the splendid work it had done. Pharmacy should be their main interest, but they should give public service in the sphere in which their education and training would be most valuable. An outlet might be reorganisation and planning for the future. A vote of thanks to Mr. Thorpe, proposed by Mr. E. Berry, was passed with acclamation.

TRADE MARKS

(From "The Trade Marks Journal," October 14)

"EVODEX"; for industrial chemicals and adhesive substances (1) and for goods (2). "EVODYNE"; for industrial chemicals and adhesive substances (1) and for goods (2). By Evode Chemical Works, Ltd., 22 Stone Street, Stafford. 619,681-82-84-85 (Associated).

"KORAY"; for chemicals (1), unmedicated toilet preparations (3), all goods (5) and surgical, medical, dental and veterinary instruments (1). By Koray, Ltd., 56 Gamage Building, Holborn, London, E.C.1. 619,980-81-82-83. (Associated).

"FLAMBEAU"; for perfumery and cosmetics (3). By V. H. R. Desvaux de Marigny, 413 Fulham Palace Road, London, S.W.6. 619,737.

"PEX"; for insect repelling preparations for cattle (5). By Boots Pure Drug Co., Ltd., 37 Station Street, Nottingham. 615,547.

"LUTOCYCLIN" and "OVOCYCLIN"; for pharmaceutical hormone preparations (5). "PERCORTEN"; for pharmaceutical preparations for human and veterinary use in place of preparations of the adrenal cortical hormone (5). By Society of Chemical Industry in Basle, 141-227 Klybeckstrasse, Basle, Switzerland. B617,735-36-37 (Associated).

"VACHORUB"; for antiseptic balms for use in mastitis and other disorders of cattle (5). By Vacho, Ltd., North Circular Road, Twyford Avenue, London, N.W.16. 618,872 (Associated).

"HUFFS"; for medicated preparations for affections of the throat (5). By Hough, Hoseason & Co., Ltd., Sun Buildings, Bridge Street, Manchester. B619,326.

"AMETHON"; for medicated ointment and skin lotion (5). By Hagman Laboratories (1933), London, Beaconsfield Mews, New Southgate, London, N. 11. 619,328.

"PHYSOVON"; for all goods (5). By Moore Medicinal Products, Ltd., 7 Bon Accord Square, Aberdeen. 619,717.

"DELTRIX"; for medicated pomades for lice in the human head (5). By S. Maw, Son & Sons, Ltd., New Barnet, Hertfordshire. 619,931.

"ORALVA"; for vaccine tablets for oral administration (5). By Hayman & Freeman, 93 Piccadilly, London, W.1. 619,943.

"HANOL"; for medicated preparations for the scalp and for the destruction of vermin (5). By Mem Toilet Products, 162 Beamead Avenue, London, S.W.16. 619,945.

"CHEMTEX"; for sanitary preparations in fluid form for use in chemical closets (5). By G. H. Elt, Ltd., Eltex Works, Bromyard Road, Worcester. 620,161.

"KEMVAL"; for all goods (10). By Unichem, Ltd., 219 Upper Tooting Road, London, S.W.17. 620,043 (Associated).

"SWANTEX"; for toilet paper, etc. (16). By Swan Mill Paper Co., Ltd., 92 Regent Street, London, W.1. 619,338 (Associated).

(From "The Trade Marks Journal," October 21)

"EMPICOL"; for industrial chemicals excluding weed-killing preparations (1). By Marchon Products, Ltd., Swing Pump Lane, Whitehaven. 619,707 (Associated).

"SOLUTONE"; for fertilisers (1). By International Toxin Products, Ltd., 5 Chapel Street, Liverpool, 3. 620,309.

"VELVONA"; for shaving cream (3). By R. J. Thomson, trading as Cranston Laboratories, 5 Liverpool Street, London, E.C.2. 619,107.

"ARABIAN NIGHTS"; for perfumery and cosmetics (3). By Ludwig Scherk, 47 Carlyle Mansions, London, S.W.1. 619,863.

"LATT"; for preparations for application to the skin to facilitate shaving (3). By E. W. Willcocks, "Eastholme," Lansdowne Road, South Woodford, E.18. 620,238.

COMING EVENTS

Notices for inclusion under this heading should be sent in time to reach the Editor in Bath not later than Wednesday morning of the week of insertion. Secretaries are advised to send copies of printed programmes of local activities so soon as they are completed.

Sunday, November 8

LIVERPOOL BRANCH, CATHOLIC PHARMACEUTICAL GUILD, Cathedral Buildings, Brownlow Hill, at 3 p.m. Rev. Fr. Harold, C.P., on "St. Gemina Galgani, Patroness of Pharmacists."

ASSOCIATION OF PHARMACEUTICAL EMPLOYEES, 32 James Street, Oxford Street, London, W.1, at 11 a.m. Joint meeting of Central and N.W. London sections. 52 Oakfield Road, Ilford, at 11 a.m. Joint meeting of East London Nos. 1 and 2 sections.

Thursday, November 12

PHARMACEUTICAL SOCIETY OF GREAT BRITAIN, Small hall, Friends' House, Euston Road, London, N.W.1, at 2.30 p.m. Professor J. C. Drummond (scientific adviser to the Ministry of Food) on "Nutrition."

STATUTORY COMMITTEE MEETING.—The Statutory Committee of the Pharmaceutical Society will meet on November 12, at 11 a.m. at 17 Bloomsbury Square, London, W.C.1, to consider information and evidence received by the Committee from which it appears that: (1) A member of the Society was convicted of persistently soliciting and importuning male persons for an immoral purpose; (2) a member of the Society permitted his name and title "M.P.S.," followed by the description "Chief Consultant Chemist," to be used in connexion with the sale of a proprietary medicine in a manner calculated to deceive purchasers.

FACTORY CONTROL IN 1941

THE annual report recently issued by the Chief Inspector of Factories deals with the twelve months ended December, 1941. It voices the department's conviction that "if maximum production is to be obtained, the general requirements of the Factories Act must be observed. . . . A good deal of time is spent in convincing even some other Government departments that this is so."

Accidents

During the year reportable accidents underwent a further considerable increase, as follows:—

Year	Fatal Accidents	Increase % on previous Year	Non-fatal Accidents	Increase % on previous Year
1938 ..	944	—	179,159	—
1939 ..	1,104	17%	192,371	7%
1940 ..	1,372	24%	230,607	20%
1941 ..	1,646	20%	269,652	17%

The rate per cent. was much higher among males (adult 50, young persons 52 per cent.) than females (18 per cent. in both classes), but the increase over the corresponding figures for the last pre-war year was 90 per cent. among adult females and not more than 25 per cent. higher in any of the other classes. The increase in hours worked in the munitions industries was probably about 15 per cent.

Welfare Supervision

Difficulties inherent in war-time production have brought to a head the necessity for greater attention to staff management. In recent years it has been "increasingly appreciated" that the welfare of employees implied attention not only to their physical comfort but also to their mental and psychological make-up. In the larger factories, a specialised department dealing with personnel is an advantage, provided that that department is in the hands of suitable people with the requisite status and authority. The special short training-courses arranged by the Ministry in co-operation with the Joint University Council for Social Studies and the Institute of Labour Management have proved valuable. Whilst there is conservatism against the system amongst managers and foremen, "the main trouble lies in the Board Room."

Ventilation

In spite of many protests in the past, inspectors still complain that, in the design of new factories, no thought appears to have been given to the problem of ventilation under black-out conditions. Ventilation arrangements can easily be incorporated in the original design of a building but are more difficult to introduce once the building has been erected. The matter was overcome to a considerable extent by the appointment of a ventilating specialist who visited many of these works with an Inspector of Factories during 1941. The thorough removal of harmful dust and fumes becomes of even greater importance if the natural ventilation is deficient, and the inspectors who deal with the problem reported a tendency for ventilating engineers and managers to rely on air-changes-per-hour as a method of neutralising the ill effects of toxic dust and gases. While the method has, in the past, been accepted in a few instances, dilution of the dangerous agent can never be a real alternative to the principle of localised exhaust draught applied at the point of origin.

Lighting

Reports from inspectors showed that both management and workers were becoming more alive to the handicaps of bad lighting conditions and less willing to accept them. While anything in the nature of extravagance could not be justified, care was necessary to see that economies were exercised on the right lines. Good lighting was recognised as an important aid to production both indirectly—in preventing eye-strain, reducing accidents and as a general amenity of working conditions, and also directly—in speeding up the processes and avoiding spoiled work. It would obviously be false economy to postpone improvements where lighting intensities were below the levels needed for good output. Lighting improvements did not necessarily involve an increased consumption of fuel. It was often found, especially in the older premises, that existing installations had been built up without system to meet special needs as they had arisen. In many of these cases re-arrangement of the lighting points, together with the provision of suitable modern reflectors, resulted in more effective and uniform lighting conditions without adding to consumption.

TRADE REPORT

Spot quotations for pharmaceutical chemicals, crude drugs and essential oils represent the prices for wholesale quantities of standard quality. C.i.f. quotations do not include marine war risk insurance and other abnormal charges payable in the present emergency

28 Essex Street, W.C.2, November 4

BUSINESS in the London drug and chemical markets during the past week has been more or less confined to a steady routine trade in commodities for immediate use by the home consuming trades. Prices on the whole are unchanged, with the exception of a few insignificant movements, mostly in an upward direction. Some export inquiry has been noted for CRUDE DRUGS, but this trade is not without difficulties under present conditions. Little of interest has occurred in PHARMACEUTICAL CHEMICALS, the only important price change being an advance of threepence per lb. in makers' prices for PHENOLPHTHALEIN.

Crude Drugs

While a steady consuming business continues in this section, there is little else of interest at the moment. Markets are decidedly flat, but values are generally well maintained. Japanese AGAR, until recently a prominent item in the drug market, is now seldom mentioned, and any business passing would be of extremely small dimensions. A moderate spot trade is recorded in ALOES. BALSAMS remain in meagre supply, but the price position is without change. Stocks of BENZOIN are reported to be diminishing and, as no replenishments are coming in, the position is not likely to improve. Inquiry for natural CAMPHOR is erratic, but a small business is going on at the previously mentioned prices. Inquiry continues for old-bark CASCARA SAGRADA. Little attention is being paid to ERGOT, demand for which seems to be absent. No information has been received regarding fixed sales prices for GINGER, and quotations are nominal in consequence. Fairly substantial spot orders are reported for Kordofan GUM ACACIA for pharmaceutical purposes, and there is a likelihood that prices will become firmer. Firm conditions obtain for IPEGACUANHA. As noted last week, distribution and use of PYRETHRUM FLOWERS are controlled. RHUBARB has again been in fair demand, but spot stocks tend to decline in the absence of replacements from source. SEEDS are extremely quiet, with no price movements recorded. The Ministry of Supply has asked for details of stocks of

TRAGACANTH held by traders and users on September 30; amounts imported, spot purchases in the United Kingdom, quantities consumed in manufacture, and amounts exported or sold and delivered in the United Kingdom will be included in the returns.

Essential Oils

Conditions in these markets have again been quiet, with prices steady at about the levels recorded last week. Regular dealers' quotations for ANISE (STAR) are unchanged. Spot supplies of Chinese PEPPERMINT are difficult to find, and appear to consist of odd cases which appear from time to time. The Ministry of Food announces that there will be no change in the existing prices of oils and fats allocated to primary wholesalers and large trade users for the four weeks ending November 28. It is announced that a meeting of essential oil brokers held on November 2 unanimously resolved to form an essential oils section of the General Produce Brokers' Association.

Exchange Rates on London

Bank of England fixed rates are unchanged. They include: New York, 4.03 dollars; Montreal, 4.45 dollars; Buenos Aires, 17.02 paper pesos; Dutch West Indies, 7.60 florins; Lisbon, 100 escudos; Zurich, 17.35 francs; Stockholm, 16.90 kroner. Madrid pesetas are at 40.50 to the £; Chinese National dollars remain at 3 $\frac{3}{4}$ d. each.

Pharmaceutical Chemicals

ACETANILIDE.—In fair supply at unchanged prices: B.P.C. crystals, 2s. 5d. per lb.; powder, 2s. 6d. per lb.

ASPIRIN.—One-cwt. lots are quoted by makers as follows (quantities in brackets): 3s. 4 $\frac{1}{2}$ d. (1 lb.); 3s. 2 $\frac{3}{4}$ d. (4 lb.); 3s. 2 $\frac{1}{2}$ d. (7 lb.); 3s. 2d. (14 lb.); 3s. 1 $\frac{1}{2}$ d. (28 lb.). TABLETS.—Makers' prices are without change: Under 5,000, 3s. 5d.; 5,000, 3s. 3d.; 10,000, 3s. 2d.; 25,000, 3s.; 50,000, 2s. 11d.; 100,000, 2s. 10d.; 250,000, 2s. 9 $\frac{1}{2}$ d.; 500,000, 2s. 9d.; 1,000,000, 2s. 8d.; 2,000,000, 2s. 7d. per 1,000.

BENZOIC ACID.—No improvement is noted in the supply position. Makers' prices are from 2s. 6d. to 3s. per lb., according to quantity.

BORIC ACID.—Makers quote the following rates for B.P. quality: Granulated, £60 15s. per ton; crystal, £61 15s.; powder, £62 15s. Commercial grades, £8 per ton less. Packed in one-cwt. bags, carriage paid in Great Britain, in one-ton lots and upwards.

BROMIDES.—Prices of one-cwt. lots of POTASSIUM are as follows (containers in brackets): 3s. 0½d. (1-lb.); 2s. 10½d. (4-lb.); 2s. 10½d. (7-lb.); 2s. 10d. (14-lb.); 2s. 9½d. (28-lb.). SODIUM, one penny per lb. extra; AMMONIUM, threepence per lb. extra.

CITRATES.—The following are makers' prices for POTASSIUM, B.P., in quantities of 28 lb. to 1 cwt. (containers in brackets): 3s. 2d. (1 lb.); 3s. 0½d. (4 lb.); 2s. 11½d. (7 lb.); 2s. 11½d. (14 lb.); 2s. 11d. (28 lb.). Prices of SODIUM, B.P., one penny per lb. below, and of IRON AND AMMONIUM (SCALES), B.P., threepence per lb. above these prices. All packages charged extra.

CODEINE.—ALKALOID, in 4-oz. lots, is at 38s. 3d. per oz., and PHOSPHATE, also in 4-oz. lots, at 31s. 3d.

ETHERS (METHYLATED).—The following are makers' prices per lb. for winchester quarts: 0.750, 1s. 5½d.; 0.735, 1s. 5½d.; 0.730, 1s. 5½d.; 0.725, 1s. 7½d.; 0.725 (triply rectified), 2s. 0½d.; 0.720, 1s. 8½d.; 0.717, 2s. 2½d.; 0.720 B.P. (not for anaesthesia), 1s. 10d. Net prices, usual terms.

GALLIC ACID.—Any available supplies would be worth from about 7s. to 7s. 3d. per lb.

GLYCERIN.—Small supplies are priced as follows: 1-cwt. drum, 86s. per cwt.; 56-lb. tin, 94s.; 14-lb. tin, 100s. per cwt. Subject to discount of 2½ per cent., twenty-eight days.

GUAIACOLS.—Reasonable supplies are stated to be available at the prices mentioned last week (p. 459).

HEXAMINE.—Free-running crystals, in cwt. lots, about 2s. 3d. per lb.; fine crystals, about 2s. per lb.

HOMATROPINE.—Makers' prices per oz. are as follows (prices per gm. in brackets): ALKALOID, 97s. 6d.; 4 oz., 92s. 6d.; 16 oz., 87s. 6d. (4s.); HYDROCHLORIDE, HYDROBROMIDE, B.P., and SULPHATE, 75s.; 4 oz., 70s.; 16 oz., 65s. (3s. 2d.).

IODINE PREPARATIONS.—Makers' current prices per lb. are as follows: POTASSIUM, B.P., 112 lb., 9s.; 28 lb., 9s. 6d.; 14 lb., 10s.; 7 lb., 11s. 6d.; 4 lb., 12s.; smaller quantities, 12s. 6d. SODIUM, B.P., 28 lb., 9s. 11d.; 14 lb., 10s. 5d.; 7 lb., 12s. 2d.; 4 lb., 12s. 10d.; smaller quantities, 13s. 8d. IODOFORM, B.P. (powder), 28 lb., 12s. 6d.; 14 lb., 13s.; 7 lb., 15s. 2d.; 4 lb., 16s.; smaller quantities, 16s. 10d.; (cryst.) 28 lb., 14s. 6d.; 14 lb., 15s.; 7 lb., 17s. 2d.; 4 lb., 18s.; smaller quantities, 18s. 10d. IODINE RESUBLIMED, B.P., 112 lb., 10s. 4d.; 28 lb., 10s. 10d.; 14 lb., 11s. 4d.; 7 lb., 13s. 1d.; 4 lb., 13s. 9d.; smaller quantities, 14s. 6d. All prices net. Any quantity delivered carriage paid throughout Great Britain.

METHYL SALICYLATE.—Makers' prices are as follows: 54s. cwt., 1s. 11d. per lb.; one cwt., 1s. 11½d.; smaller lots, in bottles, 2s. 1½d. per lb.

PHENOLPHTHALEIN.—Makers notify an increase in price of threepence per lb. as from November 2. New prices are as follows: Less than 7 lb., 4s. 6d. per lb.; 7 lb., 4s. 5d.; 14 lb., 4s. 4d.; 28 lb., 4s. 3d.; 1 cwt., 4s. 2d. Prices net.

PILOCARPINE.—Makers' current prices per oz. are as follows: BASE.—27s.; 4 oz., 26s. 6d.; 25 oz., 26s.; HYDROCHLORIDE, 21s. 3d.; 4 oz., 20s. 9d.; 25 oz., 20s. 3d.; NITRATE, 18s. 6d.; 4 oz., 18s.; 25 oz., 17s. 6d.

SALICYLIC ACID (B.P.).—Makers' prices were recently advanced by one penny per lb. :—

In containers of	1 lb.	4 lb.	7 lb.	14 lb.	28 lb.
	s. d.	s. d.	s. d.	s. d.	s. d.
Under 4 lb.	2 9½	—	—	—	—
From 4 lb. ..	2 8½	2 6½	—	—	—
From 7 lb. ..	2 7½	2 5½	2 5½	—	—
From 14 lb.	2 6½	2 4½	2 4½	2 4	—
28 lb. 1-cwt.	2 5½	2 3½	2 3½	2 3	2 2½
1-5 cwt. ..	2 1½	1 11½	1 11½	1 11½	1 10½

* 8×14 lb. and upwards, in one delivery, ½d. per lb. less. Prices include parcels or collapsible cartons; other packages charged extra. Prices subject to buyer's undertaking not to re-sell any quantities at prices or terms below scale current at time of re-sale.

SANTONIN.—No change in home-trade prices: 15 kilos and over, £46 10s.; not less than 10 kilos, £47 5s.; not less than 5 kilos, £48 5s.; less than 5 kilos, £50 per kilo, delivered free in the U.K.; 1-kilo packages free.

TANNIC ACID.—Supplies are restricted; price, about 7s. 6d. per lb.

TERPINEOL.—From 3s. 6d. to 4s. per lb. for medicinal use.

VANILLIN.—No change in makers' prices: Ex clove oil or guaiacol, five cwt., 22s. 6d. per lb.; one cwt., 22s. 9d.; 56 lb., 23s.; less than 56 lb., 23s. 3d.; carriage paid in the United Kingdom. Tins and cases returnable.

Crude Drugs

AGAR.—Seldom mentioned on the market. Any small business being done would be confined to material for bacteriological use.

ALOES.—Moderate spot business passing in Cape at from 65s. to 67s. 6d. per cwt., according to holder; stocks at origin seem to be small. Price of Curaçao would be 425s. per cwt., c.i.f.

ANTIMONY.—Prices are unchanged. English minimum, 99 per cent. regulus, £120 per ton, delivered; 70 per cent. crude, £100 per ton, delivered.

BALSAMS.—The supply position is not good, but prices are unchanged. *Copaiba*, B.P., is unobtainable. *Tolu*, in small compass, remains at 9s. 6d. per lb.; *Canada*, also short, is at 8s. 9d. per lb.; *Peru* may be had on spot at 8s. 3d. per lb.

BELLADONNA.—Indian root on spot, 460s. per cwt.

BENZON.—A fair demand continues, but stocks are becoming depleted and replacements are not available. Ordinary quality, spot, £16 to £25 per cwt., according to seller. Free almondy, spot, in small compass, £33 to £35 per cwt.

BISMUTH METAL.—Steady at 6s. 3d. per lb. for high-grade metal in minimum lots of 5 cwt.

OHU.—Fair green rounds, in limited com-
on spot, 6s. 3d. per lb.

UMBA ROOT.—Spot offers of middling
d root remain at from 185s. to 195s. per
but business is of small account.

PHOR.—Inquiry for the natural grades is
spasmodic, and business is small; prices
changed. Natural grades: Chinese, B.P.,
1rs. 6d. per lb.; crude (92 per cent.), 10s.;
ese slabs, 12s. English synthetic: It is
stood that supplies of B.P. are available
proved buyers at 7s. 6d. per lb.

DAMOMS.—Business remains more or less
and still, and prices quoted are unchanged:
y green, spot, 5s. 3d. per lb.; shipment,
per lb., c.i.f. Aleppo seed, spot, 5s. 9d.;
ent, 5s. 3d., c.i.f. Split seed, spot, 4s. 6d.
9d. per lb., according to seller.

CARA SAGRADA.—Inquiry for old bark
ues. There are reports of a certain amount
ee" bark coming from Canada.

LLIES.—Mombasa on spot continues to be
d at 145s. per cwt.

VES.—Prices are unchanged, with Zan-
on spot steady at 1s. 6d. per lb., value;
i-quality, afloat, 1s. 4d. per lb., sellers.
gascar, unquoted.

OA BUTTER.—The maximum price fixed
nistry of Food Order is 1s. 5½d. per lb.,
tory or warehouse, except when sold under
2.

ONUT (DESICCATED).—Price is controlled
e Ministry of Food at 49s. per cwt.

DELION ROOT.—Spot price of Indian root
be 140s. per cwt., if available.

ITALIS LEAVES.—Good-testing Portuguese
are offered on spot at 125s. per cwt.

AGON'S BLOOD.—Re-boiled is no longer
ble on spot. Dull Zanzibar drop may be
£21 per cwt., and seedy lump at £30.

OT.—This item is now seldom mentioned
market and the ordinary demand seems
e disappeared. Old-crop is quoted on spot
6d. per lb., and new-crop Portuguese for
ent at 5s. 4d. per lb., c.i.f.

LANGAL.—Spot supplies are offered at 90s.
per cwt., according to quantity.

GER.—Quotations are nominal pending
xing of maximum sales prices by the
try of Food. Any available spot supplies
be priced at: Cochín, unwashed, 210s. per
Calicut, 235s.; West African, 200s.

M ACACIA.—Steady at the lower figures
last week. Fairly substantial spot orders
reported for gum for pharmaceutical use,
here is a possibility that prices may firm
Kordofan cleaned sorts, spot, 97s. 6d. per
afloat, 92s. 6d., landed terms; shipment,
per cwt., c.i.f. A moderate quantity of
ed remains and may be had by con-
g manufacturers at 145s. per cwt., ex
house London.

NEY.—Current prices for first-hand and
sale transactions were given in the C. & D.,
p. 527.

IPECACUANHA.—Fair inquiry continues; mar-
ket firm. Minas, spot, B.P., fully 13s. 9d. per
lb.; slightly under B.P., 13s. 3d. per lb. Matto
Grosso, spot, 18s. per lb., but some holders
would probably require more. Current prices
for EXT. IPECAC. LIQ., in winchester quarts,
are as follows: B.P., 1932, under three, 26s.
per lb.; three and under six, 25s. 6d.; six
and under twelve, 25s.; twelve and over, 24s.
6d. per lb. B.P., 1914, under three, 24s. per lb.;
three and under six, 23s. 6d.; six and under
twelve, 23s.; twelve and over, 22s. 6d. per lb.,
all prices net.

JABORANDI.—Offered on the spot at 60s.
per cwt., ex store.

JALAP.—Inquiry continues; values are un-
changed. Brazilian, 13 per cent., spot, 95s.
per cwt.; 16 per cent., spot, 105s.; 19.3 per
cent., 130s., ex warehouse Liverpool.

KAMALA.—There are still spot offers of 6 per
cent. at 2s. to 2s. 3d. per lb., according to seller.

LIQUORICE ROOT.—Values unchanged. East
Indian, spot, 70s. per cwt.; South African, 75s.
per cwt., both ex warehouse Hull.

MENTHOL.—Fair demand. Chinese offered on
spot at 72s. 6d. to 75s. per lb., but orders at
slightly under the former figure failed to find
sellers. Any remaining spot supplies of Japanese
would be worth 75s. per lb.

MERCURY.—Full particulars of current official
prices, which range from £68 10s. to £69 15s.
per bottle for quantities over 7 lb., were given
in the C. & D., August 1, p. 131.

MYRRH.—Not a lot available to meet the
steady demand. Aden sorts may be had on
spot at £17 10s. to £18 per cwt., according to
seller.

NUX VOMICA.—Moderate routine spot busi-
ness passing in Cochín, washed and garbled, at
42s. 6d. to 45s. per cwt., according to seller.

OLIBANUM.—Fresh supplies are awaited.

ORANGE.—For any small available spot sup-
plies of thin-cut and quarters 3s. 3d. per lb.
would be required.

PAPAIN.—Nominal on spot at 16s. per lb.

PEPPERS.—Maximum official price of whole
white Muntok, not picked over or cleaned, is
8d. per lb., in bond; whole black Lampong,
of similar grade, 5d. per lb., in bond. As noted
recently, quotas for the shipment of pepper
from India are being arranged.

PIMENTO.—Business quiet. On spot, sellers
at 2s. 7d. per lb.; shipment prices not quoted.

PODOPHYLLUM.—*Emodi* (15 per cent.) is
available on spot at 82s. 6d. per cwt.

PSYLLIUM SEED.—Spot quotations for Indian
are steady at 1s. 3d. per lb.

PYRETHRUM.—Distribution and use are con-
trolled under the Control of Pyrethrum (No. 1)
Order, 1942, particulars of which were given
last week (p. 454).

QUILLAIA BARK.—Natural bark, afloat, 80s.
per cwt., c.i.f.; crushed or cut, spot, 115s. per
cwt.

RHUBARB.—In better inquiry, with more business passing. Prices range from 7s. 6d. to 7s. 9d. per lb. for sound rough-round, and from 7s. 3d. to 7s. 6d. for slightly wormy. While spot stocks have been fairly heavy, no replenishments have been coming in, and supplies may soon show signs of depletion.

SAPONIN.—Available on spot at 7s. 6d. per lb., ex store. Liverpool; shipment, 6s. 6d. per lb., c.i.f.

SARSAPARILLA.—Any remaining supplies of native reddish on spot would fetch 3s. 2d. per lb.

SEEDS.—Extremely quiet conditions prevail, with no price movements. **ANISEED.**—No supplies. **CANARY.**—None available. **CARAWAY.**—No supplies. **CORIANDEr.**—Indian, none available; English, quoted at 22os. **CUMIN.**—Malta, 165s., duty free; Indian, 165s. **DILL.**—Spot, quoted at 17os. **FENNEL.**—Indian, business done on spot at 105s., duty free. **FENUGREEK.**—Nothing available. **MUSTARD.**—New-crop English, 13os. per cwt.

SENNa.—Values unchanged; current prices are as follows: Pods: Tinnevely, good hand-picked, 11d. to 1s. 2d. per lb.; ordinary grade, 10d. to 11d.; f.a.q., 6d. to 7½d.; Alexandrian, fair, 3s. 6d. per lb. Leaves: Tinnevely, No. 1, 9d. to 10d. per lb.; No. 2, 7d. to 7½d.; No. 3, 5½d. to 6d.; Alexandrian, broken, 1s. 3d. to 1s. 4d. per lb.

SHELLAC.—Business is of small account; values steady. Standard TN orange, spot, 205s. per cwt., value; pure button, unquoted; fine orange, 24os. to 29os. quoted.

SLIPPERY ELM BARK.—Price to users of Lease-Lend material is 1s. 6d. per lb., ex store. Most of it is understood to have been distributed.

SQUILL.—Indian, cut and dried, offered on spot at 8os. per cwt. Red, unobtainable.

STRAMONIUM LEAVES.—Indian on spot would be worth 105s. per cwt., but spot supplies are in small compass.

STROPHANTHUS.—Business is not important; values are unchanged: Kombé seed, 100 per cent., 10s. 9d. to 11s. per lb., according to quantity. 80 per cent. seed would be at a lower price.

TRAGACANTH.—Business quiet, values unchanged. Current prices of medium grades are as follows: No. 1, white, £118; No. 2, white, £100; No. 3, white, £92; No. 4, white, £75; pale leaf, £70; amber leaf, £58; red and brown leaf, £35; red leaf, from £28; wormy and hoggy, from £15, ex store.

TURMERIC.—Spot price of sound-quality Madras is 67s. 6d. per cwt.; wormy, spot, 65s.

VALERIAN ROOT.—Spot supplies are not plentiful. Price would be 105s. per cwt., ex store.

WAXES.—Quiet. **BEE'S.**—Supplies are obtainable, but only by application through members of the Association of Merchant Distributors of Beeswax. **CARNAUBA.**—Fatty grey, 48os. per cwt.; chalky grey, 465s.; Primeira, 56os.

WITCH HAZEL LEAVES.—Offering to approved buyers at 1s. per lb., ex warehouse.

Essential and Expressed Oil

ANISE (STAR).—Regular dealers' spot quotations for genuine Red Ship remain at between 53s. and 55s. per lb.

BAY.—Small spot supplies would be worth approximately 12s. to 13s. per lb., according to quantity.

BERGAMOT.—The basic price of any remaining spot oil would be in the region of 10os. per lb. and business would be a matter for negotiation.

BOIS DE ROSE.—About 42s. per lb. would represent the present spot value.

CAJUPUT.—Spot, about 15s. to 16s. per lb. according to quantity.

CAMPHOR (WHITE).—In short supply. may be possible to obtain an odd drum about 60os. per cwt.

CANANGA.—Spot supplies are in small compass; the price would be about 6os. to 7 per lb., according to quantity.

CASTOR.—Controlled price of firsts is £ per ton, and seconds, £58, both naked ex works.

CEDARWOOD.—Nominal at 6s. 6d. per lb.

CINNAMON LEAF.—Spot price for modern supplies would be about 15s. to 15s. 6d. per lb.

CLOVE.—English distillers' prices remain steady at about 14s. per lb.

COTTONSEED.—Official price of £49 per ton naked ex works, will hold good until November 28.

EUCALYPTUS.—Supplies are not plentiful but prices are steady at about 5s. 6d. per lb. on spot.

FENNEL.—Sweet oil may be had on spot about 35s. per lb.

GERANIUM.—About 8os. per lb. would be the basic price of any available supplies, but business would have to be negotiated.

GINGERGRASS.—Spot supplies may be had about 25s. per lb.

LINSEED.—The official price for crude, naked ex works, will be unchanged at £46 per ton for the four weeks ending November 28.

PALMAROSA.—Supplies are restricted, but the price is unchanged at about 32s. 6d. per lb. spot.

PATCHOULI.—Spot, nominal at 7os. per lb.

PENNYROYAL.—Good-quality oil may be had on spot at approximately 35s. per lb.

PEPPERMINT.—Good demand continues, a business is reported done in Chinese at 87s. per lb.; it is doubtful, however, if further supplies would be available at this figure.

PETITGRAIN.—Any available spot supply would be worth 22s. 6d. to 24s. per lb.

ROSEMARY.—Spot, approximately 16s. per lb.

SPIKE.—About 25s. per lb. would be the present value of spot oil.

THYME.—High-quality oil would be worth around 25s. per lb.; other grades would be cheaper.

CORRESPONDENCE

Correspondents may adopt an assumed name, but must in all cases furnish their real name and address to the Editor

Pharmaceutical Society of Ireland

SIR,—Please allow me space in your columns to thank those members of the Pharmaceutical Society who supported me by their votes in the recent Council election, and to impress on all members, now that "heads" for new legislation are being considered by the Council, to forward their views on the various clauses to members of the Council. Only thus can councillors know the minds of the people for whom they are endeavouring to legislate, and only thus can they hope to keep in touch with popular pharmaceutical opinion.—Very truly yours,
J. KEVIN WHELEHAN.

The So-called "Unqualified"

SIR,—Is it sensible to dub a person who has dispensed thousands of prescriptions "unqualified," or the same person who has been registered as an apprentice "unregistered"? Is it just to encourage and allow members of a trade or profession to warn people about the chap in the next street who runs a drug store as being a danger to the public? I put these fair questions to all those who are connected with pharmacy as a democratic and supposedly charitable country. In my opinion, it is high time that at the present state of affairs be made known to the public, and an appeal made to a responsible authority, if there is one! I do not know of any other calling where such a chaotic state of affairs exists. Would the miners, or transport workers, or any other body, stand for it? I venture to reply: Certainly not. Come along, Mr. Callinson, you have done some good work for pharmacy. Carry the banner forward, get on the right road, of equity and justice. There are others in pharmacy besides pharmacists. It is truly just that the Society which has accepted a fee for registration should accept some responsibility. By the way, I believe a registered apprentice has now the right to attend branch meetings of the Society. I have been in the drug trade thirty-seven years and am not content, nor do I intend to be, and by and see foreigners and girls pushed to pharmacy while the old and experienced of the craft are treated with scorn and contempt.—Yours faithfully,

AXIOM ONE.

The Late Mr. T. H. Wardleworth

SIR,—The note in the *C. & D.*, October 24, p. 423, of the death in Montreal of a "chemical veteran" recalls a vivid and charming personality. The late Theo. H. Wardleworth was a prominent and popular figure in pharmacy in this country during the late 1890's. He was then on the staff of Evans Sons & Co. (as the firm was then designated), Liverpool, and for some years was secretary of the Liverpool Chemists' Association. Those were the days of such pharmaceutical stalwarts as Michael Conroy, R. C. Cowley, A. C. and T. E. Abrahams, Dr. Charles Symes, Prosper Marsden and Harold Wyatt. Wardleworth was a keen botanist, and specialised in materia medica. His contributions to pharmaceutical literature were mainly on materia medica, and there was scarcely a meeting of the Association during that period which had not a note from the secretary on some known or obscure specimens of medicinal plants. He was elected a Fellow of the Linnean Society during his term of office as secretary of the Association. In 1900 he visited the United States and Jamaica, and gave a review of his experiences to members of the Association, with particular reference to what he saw in the botanical gardens in Jamaica. He was a man of fine business ability, and this was recognised by his firm, which sent him out to Canada in 1903 to take the place *pro tem* of Mr. Alfred B. Evans, then managing director of Evans & Sons, Ltd., Montreal. That business was eventually merged (if I remember rightly) into that of the United Chemical & Drug Co. of Canada, and Mr. Wardleworth was retained in Canada to assist in the management of the new company. In Canada he remained until his death.—Yours faithfully,
Surbiton.

WILLIAM CHALMERS.

Appreciation

I must offer you my sincere sympathy as I see from *THE CHEMIST AND DRUGGIST* that you were completely bombed out. You will be pleased to hear that up to August 8 every copy has arrived safely; some have come as early as nineteen days after the date of publication, while others took three months. Not one has been lost, thanks to British convoy work.—R. L. P., British West Indies.

MISCELLANEOUS INQUIRIES

Sale of a Food.—*A. J. T.*—The answer to your query depends on whether your product is a food or a medicine. If it is a food, and in our view it is, you should have been registered in connexion with the sale of it as long ago as 1939, and again at a later date in connexion with the use of roasted cereals as a food.

Mercuric Nitrates as Poisons.—*A. E. P.*—Nitrates of mercury are in Schedule I of the Poisons Regulations, except substances containing less than the equivalent of 3 per cent. weight in weight of mercury. Although such preparations are outside Schedule I, they are still poisons within Part I of the Poisons Regulations. Such products can only be sold by registered pharmacists and have to comply with the labelling requirements.

Labelling Controlled Goods.—*R. E.*—The name and address of the registered manufacturer of controlled goods must be printed or otherwise indelibly marked on the package or wrapping. We understand that adhesive labels on which the maker's identity is disclosed, securely stuck on the container or wrapper, will be considered as complying with this regulation. This applies to the closed as well as to the nucleus firm under a concentration arrangement. In the case of unregistered persons, the full name and full postal address must be shown. The regulation about the name and address will also apply to manufacturers of face powder and toilet dusting powder. Where goods are made on behalf of another firm, even where the raw materials are supplied, the name and address of the actual manufacturer must appear.

Ammoniated Quinine for Factory.—*D. H.*—The onus is placed on the medical officer, since Paragraph 1 of the Quinine Control Order (see *C. & D.*, August 22, p. 203) states that "no person shall acquire any controlled material except from a registered medical practitioner or authorised seller of poisons in pursuance and for the purpose of a prescription written for that person and signed by a registered medical practitioner." It would seem, therefore, that the medical officer must make out the prescription in the name of an individual person and must be prepared to justify the issuing of the prescription in that particular case if called upon to do so. If the prescription is presented we think you have an adequate defence, but it might be policy on your part to draw the

attention of the medical officer to the relevant clauses in the Order.

Blackening Brass.—*W. J. P.*—It seems to us the only satisfactory way would be by treating the metal, and the following formulas are given for this purpose in "Pharmaceutical Formulas," Volume II:

(1)	A		
Silver nitrate	..	..	40 gr.
Water	..	..	2 dr.

	B		
Copper nitrate	..	..	40 gr.
Water	..	..	2 dr.

Dissolve separately and mix.

Dip the clean brass in the mixture and allow to dry; then heat strongly on a sand bath over a Bunsen burner. Repeat if necessary.

(2)			
Pyrogallic acid	..	..	1 gm.
Acetone	..	..	10 c.c.
Solution of ferric chloride	..	..	2 c.c.
Methylated spirit to	..	..	20 c.c.

Apply several times; allow to dry before applying the next coating until the desired dark colour is obtained.

Business Names Registration.—*J. M.*—It will be necessary for you to register under the Registration of Business Names Act and the office for this purpose is Echequer Chambers, Parliament Square, Edinburgh. The Act requires the registration of (1) every firm carrying on business under a name which does not consist of the true surnames of all the partners; without any addition except the Christian names or the initials of the individual partners; (2) every individual who carries on business under a name other than his true surname and Christian name or initial; and (3) every individual or firm, who, or member of which, has at any time changed his name, except in the case of a woman's marriage. There are a few occasions when registration is not necessary, such as (1) where the addition merely indicates that the business is carried on in succession to the former owner of the business, and (2) where two or more individual partners have the same surname and an "S" is added, to the end of the surname.

CLOSED ON SATURDAYS.—Advertisers and subscribers are reminded that owing to war conditions the Head Office of THE CHEMIST AND DRUGGIST, 28 Essex Street, London, W.C. is closed on Saturdays until further notice. Urgent instructions relating to advertising subscriptions should be sent to the *C. & D.* c/o The Pitman Press, Bath, Somerset.

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* "Lancet," 1942, p. 301.

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Look the world over—find, if you can, a market anywhere that can rival the opportunity offered you now by the UNION OF SOUTH AFRICA AND RHODESIA.

PROSPERITY'S smoke is pouring from its many rich Gold Mines and numerous industries.

GOLD PRODUCTION in South Africa has never before been so great and its price so high.

MANUFACTURERS OF PROPRIETARY PATENT MEDICINES AND TOILET PREPARATIONS will find this an extremely profitable market, and an excellent field for the promotion of British exports.

DRUGS & TOILETS (PTY.) LIMITED. Sole South African distributors for a number of well-known proprietary products offers a complete sales, warehousing and merchandising Service. From Headquarters in Johannesburg, and branches in Cape Town, Port Elizabeth, East London, Durban, Salisbury and Bulawayo, salesmen actively canvass the trade throughout the entire territory and supply from full stocks held at each of their branches.

DRUGS & TOILETS (PTY.) LIMITED BUYS OUT-RIGHT AND PAYS CASH IN LONDON for all its requirements through their London Office.

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P.O. Box 2801, Johannesburg, South Africa

GUMS

Acacia

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SHELLACS

and

WAXES

Japan Wax, White

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Wax, Carnauba Wax

In natural and powder form

Official Agents

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**BRITISH ALKALOIDS
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WHIFFEN

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MERCURIALS - ATROPINE

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PRUNELLA - ESSENTIAL OILS

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ALMOND OIL - EXTRACT OF IPECAC. LIQ.

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WHIFFEN & SONS LTD.

INCORPORATING GEORGE ATKINSON & COMPANY. ESTABLISHED 1654

FULHAM, LONDON, S.W.6

'Phone FULHAM 0037. 'Grams "WHIFFEN, LONDON"

Modern Emulsifying Agents

PROMULSIN

An up-to-date emulsifying, thickening and suspending agent for use in food, pharmaceutical and cosmetic products, etc. Especially suitable for face creams, hand creams, stocking substitutes, shaving creams, tooth pastes, etc.; mixtures, linctuses, emulsions, water-soluble ointments, etc.; sauces, chutneys, mayonnaises, jellies, table creams, etc.

PROMULSIN WAX

A new synthetic emulsifying wax having the following applications:

PHARMACY—Ointments, greasy or non-greasy type; creams; emulsions of benzyl benzoate, etc.;

COSMETICS—Cold creams; vanishing creams; liquid creams; powder creams; hair creams; pomades; deodorant creams; brushless shaving creams, etc.

Samples and technical data on request



WATFORD CHEMICAL CO. LTD.

London Sales Office

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Telephone: Grosvenor 1016-8

We solicit enquiries from Wholesale Consumers for:

CAPE ALOES	LIQUORICE
BALSAM PERU	ROOT
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CARDAMOMS	ROOT
CROTON OIL	QUILLAYA BARK
DIGITALIS LEAVES	RHUBARB
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GALANGAL ROOT	SENEGA ROOT
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JALAP	GROUND
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Established 1871

33 & 35 EASTCHEAP, LONDON, E.C.3

TRAGACANTH

SPECIALISTS IN B.P. POWDER

Also Technical and Industrial qualities. All Grades of Whole

Flakes as imported. Samples and prices on request.

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Good! it's

The
CHEMISTS'
FAVOURITE
for over
75 YEARS

MASON'S

EXTRACT OF HERBS

A 9d. bottle makes 6 gallons of
delicious sparkling Mason's Herb
Beer. **GOOD PROFITS—QUICK SALES**

Write for Trade Terms

NEWBALL & MASON LTD., NOTTINGHAM. Est. 185

We Ship

ACONITE, ALESTONIA BARK, BELLADONNA
LEAVES, BELLADONNA ROOT, BERBERIS,
ASAFOETIDA, BRYONIA, CALUMBA ROOT,
CHIRETTA (Indian Variety, B.P.), COLCHICUM
CORMS, DANDELION, DATURA METEL
LEAVES, DATURA STRAMONIUM LEAVES,
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OSCAMUS NIGER LEAVES, JUNIPER BERRIES,
PODOPHYLLUM, RHUBARB RADIX, INDIAN
SQUILLS, VALERIAN ROOT, RED PEPPER
FRUIT, ETC., of guaranteed standard quality

ENQUIRIES INVITED

MEHTA BROTHERS

LAWRENCE ROAD - AMRITSAR - INDIA

Equal to every test-

The achievement of the highest standard of purity, reliability and efficacy is obtained only by the most careful supervision throughout the process of manufacture. To this scientific control the fame of Beecham's Pills, Beecham's Powders and Beecham's Lung Syrup may justly be ascribed—thereby setting the seal upon the intrinsic worth of these famous home medicines.



Beecham's Pills Beecham's Powders Beecham's Lung Syrup

BEECHAMS PILLS, LTD., ST. HELENS, LANCES.

THE THIN END OF THE WEDGE



... just another way of suggesting that we would welcome the opportunity of beginning a mutually profitable association with those retailers who have yet to discover the many competitive advantages our packed lines offer. A trial order of our popular packed goods would be the "thin end of the wedge" and we are confident the profitable results would create further sales-satisfied **MCC LURE YOUNG** stockists



In these days of keen competition, the public are sounder judges of value for money than ever... and the retailer needs to be a sounder buyer than ever. The stockist of **MCC LURE YOUNG'S** packed goods is equipped to meet this competition—because each line offered represents the ultimate in Quality, Dependability, Packing and Price!



All retailers should send for full details of the many profitable lines in the wide **MCC LURE YOUNG** range... a range of sure-sellers, backed by the reputation of the **PREMIER PACKED DRUG HOUSE**.



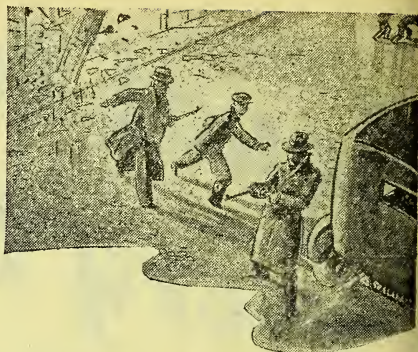
OF COURSE!

MCC LURE, YOUNG & CO. LTD.

MANUFACTURING CHEMISTS

159 BOLLO BRIDGE RD.
LONDON, W.3

Phones: ACORN 0350/1517/2634



Fifth Column!



Disease-producing germs—omnipresent enemy agents—ever-ready to sabotage the delicate mechanisms of the human organism! Lurking notably in the nasal passages, capable of producing local or systemic infections.

The **Karsodrine Inhaler** assists in maintaining a germ-resistant state of the nasal mucosa by its rapid and marked decongesting effect. Reaching the farthest recesses of the nose and accessory sinuses, the volatile vaso-constrictor in **Karsodrine** ensures a free air-way with maximal drainage of secretions. Employed early in head colds, the **Karsodrine Inhaler** will often abort, or will generally minimise, their development, and so help to prevent unpleasant sequelae, such as sinusitis. With one cap only to remove, the **Karsodrine Inhaler** is most simple to use.

Retail Price 1/6 (Inc. Tax)



FORMULA: Amphetamine, 0.330 grm.; Cineole, 0.093 grm.; Ol. Citronell, 0.026 grm.; Methyl Salicyl, 0.023 grm.; Ol. Cedri, 0.005 grm.; Menthol, 0.049 grm.; Ol. Eucalypt, 0.089 grm.

Apart from its assured efficacy the **Karsodrine Inhaler** is an excellent financial proposition. The Retail Price is 1/6d. (inc. tax), which yields up to 5/23d. per dozen profit. This applies equally to small quantities if ordered with other "Griffiths Hughes" products.

E. GRIFFITHS HUGHES
LIMITED



ADELPHI, SALFORD, 2
MANCHESTER

A PRODUCT OF

LABORATORIE

No bank manager has a more intimate knowledge of his customers than the pharmacist has of his. The customer's purchases are to the intelligent observer, an accurate index, not only of his bank balance but of his state of health and mode of life.

Customers vary...



DO YOUNG AT 50 — this man likes to think he can work all day, Home Guard all night — all on a few scratch meals and a hot joint on Sunday. The heart is willing but the digestion is weak. And when it rebels, isn't he sorry for himself! He doesn't realise what you have known, of course, for years, that a nightly cup of Benger's soothes the digestion and fortifies it against the dangers of serious intestinal disorders. Still, that type of man is learning. He is continually reading the Benger message in numberless newspapers and magazines. It is having its effect. Common sense will always prevail.

**.. but you can invariably
sell them —————**

BENGER'S

**90% of your customers need Benger's
and are being educated to ask for it.**

NEW—and in great demand!

BRAND'S BABY FOOD

(MADE BY THE MAKERS OF BRAND'S ESSENCE)

—READY-STRAINED VEGETABLES IN GLASS BOTTLES



*Strained Carrots, Bone and Vegetable
Broth, Strained Spinach, Strained
Prunes and Strained Beetroot.*

ALREADY the demand for these new baby foods is bigger even than we anticipated. Busy young war-time mothers are delighted to be able to get vegetables ready-strained, with the valuable minerals and vitamins retained, and to be saved the work of preparing vegetables at home.

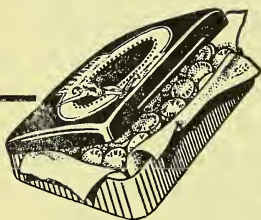
Brand's Baby Foods represent a great advance in infant feeding. Doctors strongly recommend them. And you can take part in this progressive

movement — profitably — displaying these attractive glass jars where women coming in your shop will see them.

You'll see advertisements for Brand's Baby Foods in the Sunday newspapers, *Race Times* and women's magazine. Have a look at them! Order through our representative or your usual wholesaler.

We are doing our best to ensure a reasonable supply to each retailer, but war-time difficulties may cause delay.

Retail price 7½d a bottle



No 'Come-back'

—except for more. No arguments about Yestamin. It's good—it's doing good—and it's a reliable, profitable 'Chemists' Friend' line, fully endorsed and freely prescribed by Doctors.

YESTAMIN

VITAMIN
YEAST TABLETS

THE ENGLISH GRAINS CO. LTD.
BURTON-ON-TRENT

CAPSULE Makers to the Trade



Quality Products

CROWN CAPSULE COMPANY

CAMPBELL ST., HELENSBURGH, Scotland
Phone: Helensburgh 356

Many years of specialised experience are at your disposal. Superlative products at keenly competitive prices . . .

Ask us to quote for your next requirements. Own or standard formulae compounded.

ESTABLISHED 1793

ATKINSON & BARKER'S INFANTS' PRESERVATIVE

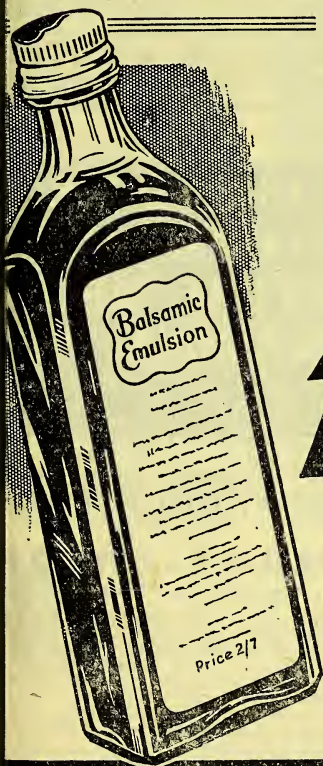
The Best and Safest Infants' Medicine of 140 years' standing

Does not contain any Scheduled Poison

ROBERT BARKER & SON, LTD.
13 WESLEY ST., C. on M., MANCHESTER

A SOUND, WELL ESTABLISHED
PREPARATION *with a double*
appeal to your
customers

Balsamic Emulsion has well established itself in popular favour because it has the unique double appeal of being a cough cure and a strengthening tonic. It is a good line for prestige as well as profit and one that you can mark up as something you should never forget to order.



Balsamic
BRAND
EMULSION

CURATIVE TONIC

Retailing at 1/7, 2/7 & 8/-

Made by F. W. HAMPSHIRE & CO. LTD.
(Manufacturing Chemists) SUNNYDALE, DERBY

RIDDELL INHALANTS AND INHALERS

ARE NOW UNIVERSALLY RECOGNISED AS THE STANDARD OF EFFICIENCY

INHALANTS:—

RIDDOBRON ASTHMA INHALANT

15 YEARS OF UNPRECEDENTED SUCCESS HAVE FIRMLY ESTABLISHED
RIDDOBRON AS THE MOST EFFICIENT TREATMENT FOR
ASTHMA, BRONCHITIS AND EMPHYSEMA
ASTHMOSANA ASTHMA INHALANT
MENTHOL TURIOPIN OIL INHALANT
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INHALERS:—

PNEUMOSTAT ELECTRIC INHALER
SUPERPAG AND **DRITAX** HAND INHALERS
RIDDOPAG AND **ASTHMATOR** POCKET INHALERS

RIDDELL PRODUCTS LIMITED
AXTELL HOUSE, WARWICK STREET, LONDON, W.1

LOSALL'S SALT

8-oz. tins
NEW RETAIL

2/6

SELLING PRICE
(including tax)

A
LIMITED SUPPLY ONLY
of 4-oz tins

RETAIL

1/3

(Inclusive of tax)

WHOLESALE PRICE
9/3 & 18/6 doz.



LOFTHOUSE & SALTMER
LIMITED **HULL**

.. MANOIDS NEVROIDS .. URICURE TABLETS OCCASIONAL PILLS

THE ACTON PILL & TABLET Co. Ltd.
ASH VALE, SURREY.
and all Sundries Houses.

AN ANNOUNCEMENT CONCERNING

PEROX-CHLOR OF IMPORTANCE TO CHEMISTS

Keene's Laboratories, Limited, have entirely given up possession of the damaged premises at 287 Gray's Inn Road, London, W.C.1., and all communications should be addressed to the factory, 46/52 Elswick Road, Newcastle-on-Tyne 4. Telephone: Newcastle 34006.
The Purchase Tax on Perox-Chlor has now been reduced to 33 1/3%, and the new retail selling prices are 1/7, 3/10, and 6/4.

ARGOTONE

REGD.

Natural Ephedrine with ARGYROL
for NASAL and EYE AFFECTIONS
and their Complications



Acute Rhinitis
Chronic Rhinitis
Catarrh
Sinusitis
Asthma
Hay Fever
Conjunctivitis

Retail Price **3/7** Including
Purchase Tax

RONA Laboratories Ltd. 99 Oaklands Rd.
LONDON, N.W.2

Gladstone 5557



Member of the
Chemists Friend
Association

Announcement



Member of the
Chemists Friend
Association

"ZEMS"

HERBAL LICORICE TABLETS

THE BEST MEDICATED TABLET FOR
COUGHS, COLDS, ASTHMA, BRONCHITIS, ETC.

We have now joined Chemists Friend Association

SUPPLIES MAY BE OBTAINED FROM C.F. WHOLESALE HOUSES

ZEMS, LTD., 718-724 SEVEN SISTERS ROAD, LONDON, N.15

SUPPLIES NOW
AVAILABLE
FROM STOCK



TONIC

TREATMENT

Orders for P.R.I. Tonic Treatment can now be accepted for immediate delivery either through your usual wholesaler, or direct. 3/9 retail, 2/6 wholesale, both prices inclusive of Purchase Tax.

THE PHARMACEUTICAL RESEARCH INSTITUTE, LTD.
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75% OF YOUR CUSTOMERS

NEED

SAMONA

The well known Restorative

This wonderful Medical Restorative BRINGS IMMEDIATE RELIEF IN ALL CASES OF NERVE STRAIN, DEPRESSION, TIRED and LISTLESS APPEARANCE, MENTAL and PHYSICAL EXHAUSTION

SAMONA LTD., Northington House, Northington Street, LONDON, W.C.1



PRICES (including purchase tax)
3/5 & 5/7½ (more than double quantity)



There will always be an insistent demand for **SHERLEY'S**

DOG PREPARATIONS

Despite the abnormal conditions prevailing, there will always be an insistent demand for Sherley's Dog Preparations as they are recognised by Owners everywhere as the True Standard of Excellence. It would therefore be wise to stock your shelves to capacity so as not to run the risk of disappointing regular customers. We, on our part, will continue to support retailers to the utmost, and maintain the fullest supplies possible.

PURCHASE TAX. The following ruling from H.M. Customs & Excise has effect from June 4th, 1942:—

SHERLEY'S COATACINE—TAX 66½%
SHERLEY'S DRY CLEANER BLOCK AND POWDER
—TAX 33½%

NEW RETAIL PRICES

COATACINE 2/3d.
DRY CLEANER PREPARATIONS 7½d.
NOFOL 1/9d. (TAX FREE)

FREE DISPLAY MATERIAL. Bold, attractive Display Cards for counter and window are supplied to all Sherley stockists, free and post free.

DISCOUNT TERMS

A discount of 10% on minimum £2 parcels will be in future deducted from invoice, rendering the invoice nett 30 days. Orders value £1 and over carriage paid.

Owing to the difficulty in arranging travellers' regular calls, journey accounts are discontinued. Accounts are payable 30 days nett.

A. F. SHERLEY & CO. LTD., Boston Manor Road, Brentford, Middlesex

on every polished floor

use **NON-SLIP**
Furmoto
FLOOR CREAM

Guaranteed 100% Non-slip

Furmoto shines floors like glass—produces a hard, treadproof and waterproof surface on any kind of flooring and linoleum—yet on it you can't slip an inch. Because of this it is the only polish that should ever be used in Shops, Offices, Factories, Warehouses, Stores, etc. Avoid accident claims as result of anyone falling on slippery floors. You are absolutely safe with Furmoto, for with every tin is given

£100 FREE INSURANCE AGAINST SLIPPING
Sold in 2/- tins and larger sizes at Chemists,
Grocers, Ironmongers, Stores, etc.

Enquiries for Bulk Supplies should be sent to address below

Furmoto non-slip
FLOOR CREAM

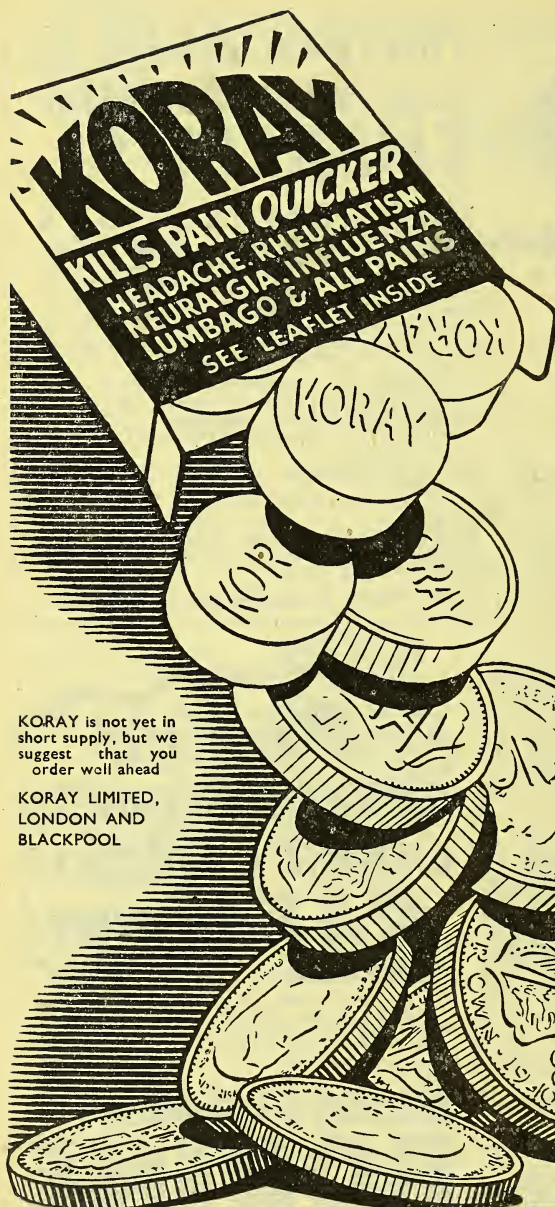
In case of difficulty, write for name of nearest stockist to—
JRMOTO CHEMICAL CO. (FACTORS) LTD.
1-3 Brixton Rd., S.W.9

Remind your customers about Britain's **RAT** menace!

Your support added to the Government Announcements in the Press will help to stir the public into action against this dangerous enemy of our country. Rats and mice threaten Britain's food supplies and must be destroyed.

Stock & display **RODINE** **RAT POISON**

T. HARLEY, LTD., PERTH, SCOTLAND



KORAY is not yet in short supply, but we suggest that you order well ahead

KORAY LIMITED,
LONDON AND
BLACKPOOL

STOCK INTO PROFIT QUICKER

The most remarkable thing about KORAY is speed—the speed with which it has taken the lead in its field, the speed with which it kills pain, and the speed with which it sells. Turnover in KORAY is turnover—rapid turnover. KORAY costs you no “shelf-rent.” KORAY is strongly and nationally advertised. Each KORAY tablet contains half as much again of the pain-killing ingredient.

For profit, stock and display KORAY

Order today
through your
usual
wholesaler

KORAY KILLS PAIN QUICKER



The CHEMIST AND DRUGGIST SUPPLEMENT

This Supplement is inserted in every copy of The Chemist & Druggist

NOVEMBER 7
1942

28 ESSEX STREET, LONDON, W.C.2

Advertisements in this supplement must be prepaid and should reach us not later than WEDNESDAY of week of issue. Box Office numbers cost 1/-. Late advertisements will be held over to following week

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Best French Chalk; Best White Talc; Zinc Oxide, B.P.; Finest Plaster of Paris; Creta Praecip. and Prep.; Kaolin, B.P. Opt; Pumice Stone Powder substitute; Fillers, all purposes; Gum Tragac and Karaya, finest white powders; Waxes—Cera Alb. and white Emulsifiable substitute; Ceresine White, Spermaceti; Paraffin; Yellow Soft Paraffin; Freeration Cleanser (washing clothes without soap); Soap Flakes; Green Soft Soap (Hairdressers); White Block Stearic. and Powder; Raw Materials; Special Quantity Prices; Your Wants Solicited. HENSHAW, M.P.S., 261 Lyndon Road, Sheldon, Birmingham, 26. Tel: Sheldon 2124, Birmingham.

ROUGE BLOCKS Easily Prepared, guaranteed results. Mould 12 x 1½ in., Formula, sufficient Colour and Excipient for 16 doz., £2. 32 doz., £2 11s.

BATH. SALT COLOURS—Yellow, Blue, Green, Rose, Lavender, Orange and Violet. 2s. oz., 7s. ¼ lb. All other Cosmetic Colourings

CREIGHTON (AGENCIES) CO.
1a Queens Parade, Muswell Hill,
LONDON, N.10

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FOR THE

S.M.C., B.O.A., and N.A.O. DIPLOMA Examinations
Particulars—

C. A. SCURR, F.S.M.C., F.B.O.A., F.N.A.O.,
F.I.O., F.C.O., M.P.S.
50 HIGH STREET, BARNET, LONDON, N.

MARSHALL LECONTE & CO., LTD.

32 LYNTON CRESCENT

VAL. 2875

ILFORD, ESSEX

TALC ALSO CONTAINERS
IN STOCK

MARLENE PRODUCTS

have pleasure in announcing
that they can now supply

MASCARA

IN NEAT BOX WITH BRUSH COMPARTMENT.

(Black only—no brushes available)
14/6 doz., plus 66½ Purchase Tax

CREAM ROUGE

in small glass pots, 14/6 doz.
plus 66½ Purchase Tax

ALL GOODS LABELLED AND SUPPLIED BY
REGISTERED MANUFACTURERS

Cash with order. C.O.D. or pro forma

MARLENE PRODUCTS

18 WALTHAM AVENUE
KINGSBURY, N.W.9

Please
Give
Generously



AN APPEAL FROM

N. & M. GOULD Ltd.

WHOLESALE CHEMISTS
AND DRUGGISTS SUNDRIESMEN

62-64-66 STONEY LANE
LONDON, E.C.3

Telephone: BIS 7734 & 5358

MISCELLANEOUS OPPORTUNITIES

1, 2, 4, and 6 oz. **BOTTLES**, with White Metal Screw Caps. Suitable for Brilliantines, Hair-creams, Setting Lotions, etc.

1 oz. pkd. 17½ doz. case @ 30/- Gr. 43/9 per case.
 2 oz. " 20 " " @ 36/- " 60/- " "
 4 oz. " 17½ " " @ 42/- " 61/3 " "
 6 oz. " 6 " " @ 45/- " 22/6 " "

1 oz. and 2 oz. Cream Jars (Glass) with White Metal Screw Tops.

1 oz. pkd. 24 doz. case @ 36/- Gr. 72/- per case.
 2 oz. " 20 " " @ 42/- " 70/- " "
 All cases are charged 1/- returnable. Orders of 3 cases or more accepted and delivered carriage paid. 20 case orders subject to 5% discount. 50 case orders subject to 10% discount. Old customers please note that full discount will be allowed them on the difference of any future order added to their past orders. Terms, cash with order, for immediate delivery.

C. COHEN & SONS, LTD.,
 55 Leopold Street, LEEDS, 7.

SMART BOTTLES & JARS

2 oz. to 40 oz., with metal screw caps, also corks. Large stocks, prompt delivery. Send for list.

M.F. LTD.

4 CAVENDISH PLACE, LONDON, W.1

"**AMBRESIL**," the New Oil-in-Water Wax Emulsifying Agent No. 4. 9/- per lb. A First-class Product. Send for technical details. Gum Karaya (Indian Trag.), 10/6 per lb.

ARISTOL PRODUCTS, 398 Beverley Road, HULL
 Grams: Aristol, Hull 7285. Phone: 7285

BRUSHLESS SHAVING CREAM

Supplied in 12 lb. Containers only at the following prices, including tax: 1 Container, 48/-; 2 Containers, 88/-; 4 Containers, £8. All Carr. Paid. C. W. O. Sample Jar, 6d. stamps.

F. RAWSTRON, M.P.S.
 315-317 Burnley Road, Waterfoot, Lancs.

We can offer the following lines:—

Vanishing Cream in 1-oz. and 2-oz. jars, and Perfume Bath Crystals in glass jars.

We can offer a limited supply of Perfume Spirit (French), Ex Loubert-Bie.

All these lines comply with the new regulations, together with the registered manufacturer's name. We shall also shortly be having deliveries of Liquid Starch and a Water Softener which will give longer life to a tablet of soap.

Morning Laundry Blue, in 8-oz. bottles.

Mornington Stove Polish, in 8-oz. glass jars with screw top metal cap.

We are the sole distributors of the above.

Prices on application to:—

SIR JOHN PRATT & CO., 89 Forset Court, Edgware Road, Paddington, London, W.2.

We are in the position to supply our Special hand-picked

ALEXANDRIAN SENNA PODS

EX-STOCK

7/6 lb. post free

ORDERS IN STRICT ROTATION

HARMAN DIETETIC LABORATORIES LTD.

109 Cricklewood Broadway

N.W.2

Gladstone 1084

SOFT SOAPS.—50/- cwt., carriage forward; immediate delivery. C.W.O.

LIQUID SOAPS.—Highly Concentrated, 15/- gallon, tax and carriage paid. 3 and 10 gallon drums only; 2/6 and 10/- charged respectively. Returnable.

Ambrose, 5 Leaside Crescent, Golders Green, N.W.11

SACCHARINE ENVELOPES

Ungummed, plain, 4/11 per 1,000. Gummed, printed standard wording (100's), 6/6 per 1,000. *Special prices for larger quantities.

LEWIS EAST, LTD.

Envelope Makers

84 Romway Road, Leicester

BRILL-CREAM JARS 48/- gross
 1 oz. VANISHING CREAM JARS .. 36/- "
 2 oz. PANEL BOTTLES 30/- "
 4 oz. PANEL BOTTLES 36/- "

All complete with screw caps. Car. paid. Not less than 5 gross of a line supplied. Samples to be paid for. Special discounts for quantities.

E. CHARLTON, King St., Farnworth, Lancs. Tel. 298

NOTICE TO CHEMISTS AND MANUFACTURERS

RAW MATERIALS AVAILABLE

for the manufacture of high-class quality cosmetics and powders

● Perfume Compounds ● Stearic Acid ● Lanoli
 ● Sulphonated Fatty Alcohols ● Beeswax ● Paraffin
 Wax ● Glycerine Substitute ● Talcum Powder, ETC

Best quality products from 1 lb. up. Our salesmen can call with samples. All enquiries welcomed

Borys Beauty Products Ltd

Trenmar Gardens, London, N.W.10

Tel: LADbroke 0202

MISCELLANEOUS SALES**2/6 for 60 words or less, 1/- each additional 10 words or less**

BOTTLES, screw capped flat, first quality metal or bakelite. All sizes 1 oz. upwards. Dispensing tins, cork mouth, plain or graduated, 8 oz. upwards. Hexagon amber poisons, 1 oz. upwards. All kinds in stock. Orders or inquiries will receive immediate attention. Prompt delivery guaranteed. 417/339, London Office of this Paper.

CYLINDER Cardboard Boxes for Sale: Plain Oxidised Blue ($\frac{1}{2}$ sections type) to take small phial or bottle. New, best quality. 18 gross. Offers or lot only, to Westcott & Co., 20 High Holborn, London, W.C.1. Phone: Hol. 1659. Sample on request. Also 3 gross strong slide boxes, plain blue, $3\frac{1}{2} \times 2 \times 1$, with gusset-shaped manilla envelopes 30 ft, suitable mail order.

"GLEDHILL" Autographic Till with coin exhibitor; roomy drawer. As new. £5, including 9 rolls. "Ergon" Infra-red and Radiant Heat Lamp. Scarcely used, £1 ls. 3 doz. "Medal" Heat Dyes, 12s. "Adana" Printing Machine, good amount of type. Type bed $3\frac{1}{2}$ in. by $2\frac{1}{2}$ in. approx. Perfect order, £3. Harris, Chemist, Daventry.

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FIRST-CLASS representative, 44, covering South-West and South Wales, 7 years, desires additional proprietaries on commission basis. CDB/1144, London Office of this Paper.

GENTLEMAN, aged 33, unqualified, resident in Dublin, is free to accept responsible post, out-door or indoor, wholesale or retail chemists. Managerial experience, excellent references. Milne, c/o Christchurch House, Dragon Parade, Harrogate.

MEDICAL Representative, Twenty years' experience ethical propaganda. Over military age. Highest references. 417/333, London Office of this Paper.

PRACTICAL Cosmetic Chemist seeks position. Long experience manufacturing all Cosmetic products. 417/336, London Office of this Paper.

REPRESENTATIVE, experienced, calling upon Chemists, etc., Lancashire and North Wales, exempt, requires additional first-class proposition. Good connexion and clientele. Chemist trained. 417/323 London Office of this Paper.

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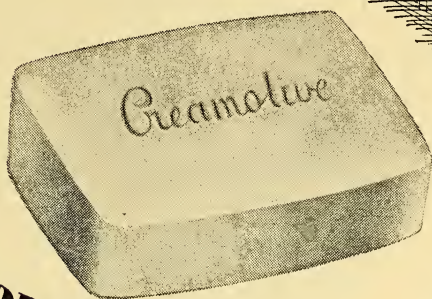
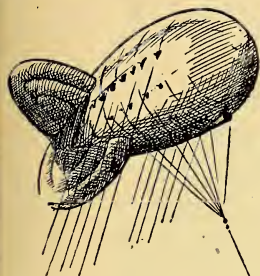
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